

Whole

100%

1.0

1

Half  
50%  
0.5  
 $\frac{1}{2}$

Third

33%

0.33

$\frac{1}{3}$

Quarter

25%

0.25

$\frac{1}{4}$

Fifth

20%

0.2

$\frac{1}{5}$

Eighth

12.5%

0.125

$\frac{1}{8}$

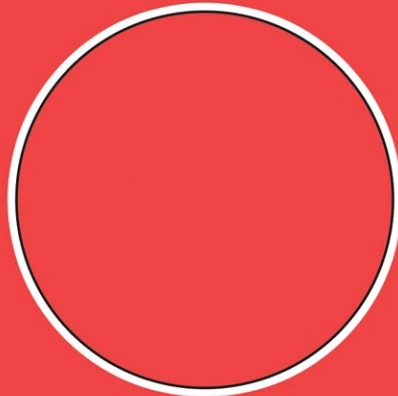
Tenth

10%

0.1

$\frac{1}{10}$

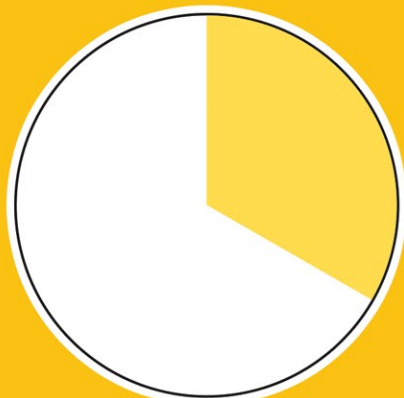
# Fractions, Decimals, and Percentages



$$= 1$$



$$= \frac{1}{2}$$



$$= \frac{1}{3}$$

# Decimals Percentages



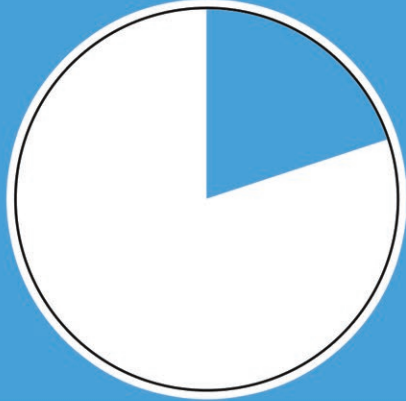
$$= 1 = 100\%$$

$$= 0.5 = 50\%$$

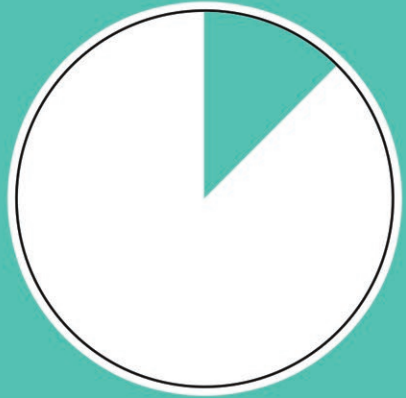
$$= 0.33 = 33.3\%$$



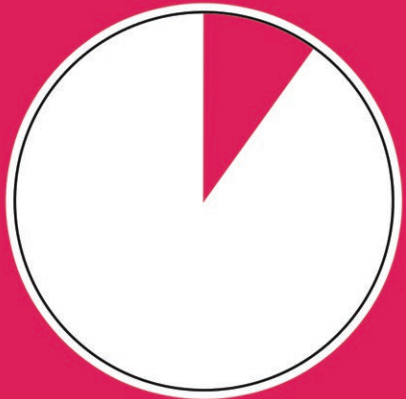
$$= \frac{1}{4}$$



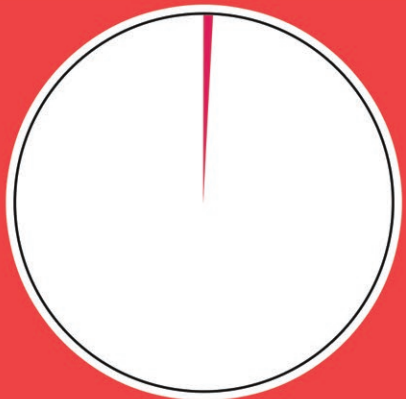
$$= \frac{1}{5}$$



$$= \frac{1}{8}$$



$$= \frac{1}{10}$$



$$= \frac{1}{100}$$

**=**

**0.25**

**=**

**25%**

**=**

**0.2**

**=**

**20%**

**=**

**0.125**

**=**

**12.5%**

**=**

**0.1**

**=**

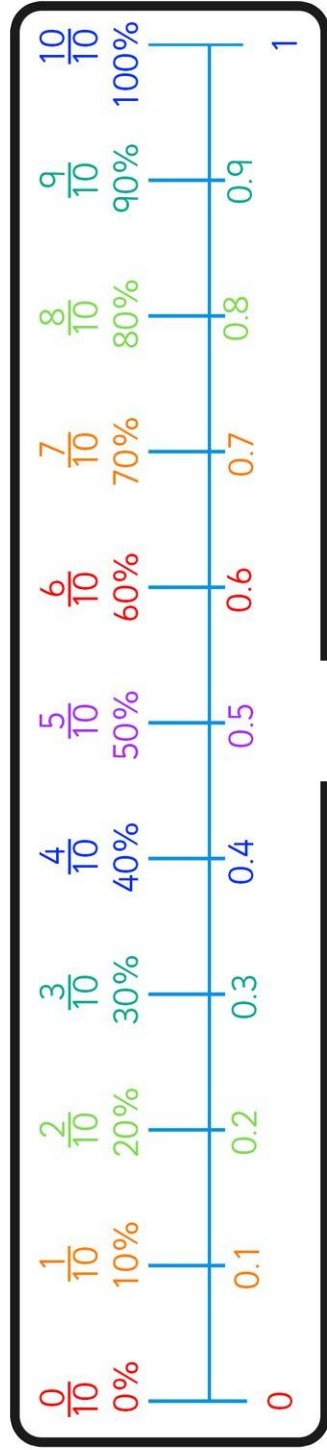
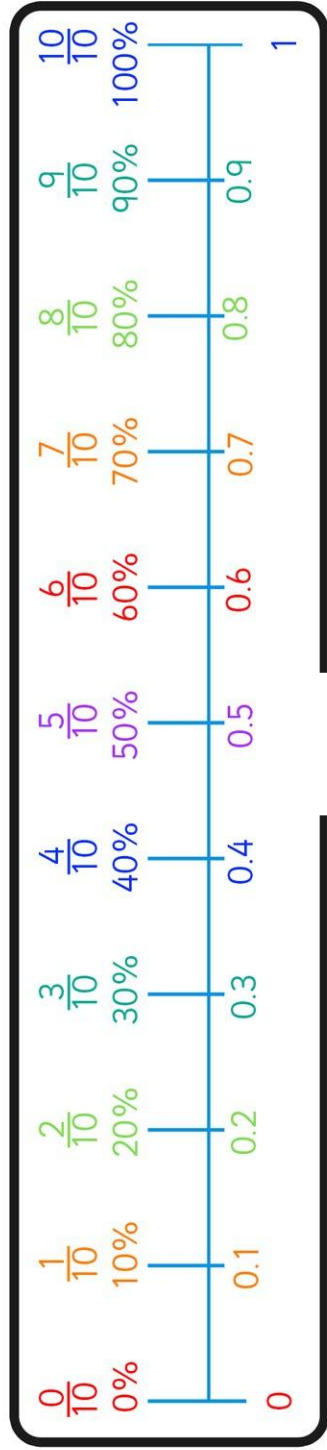
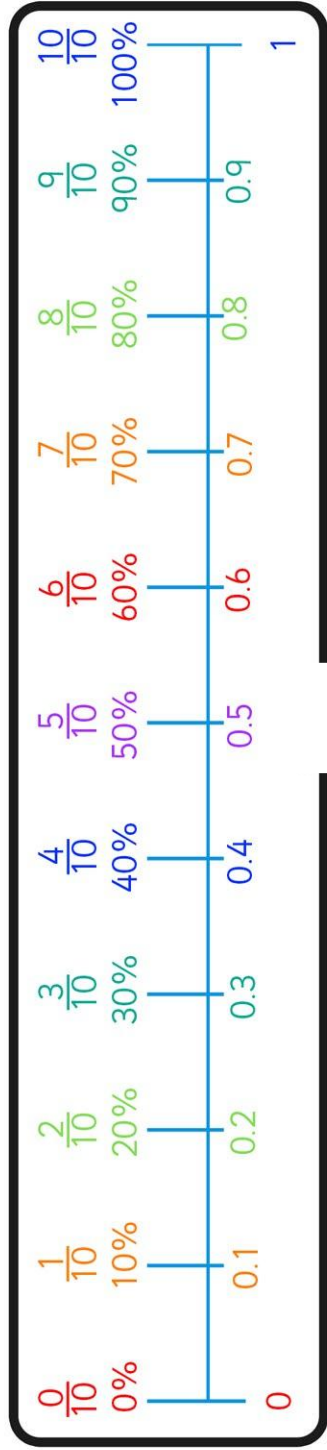
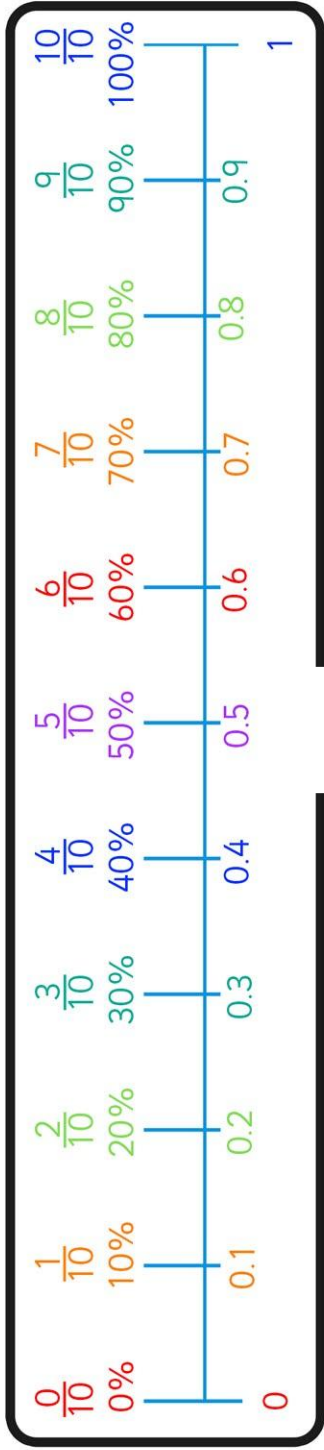
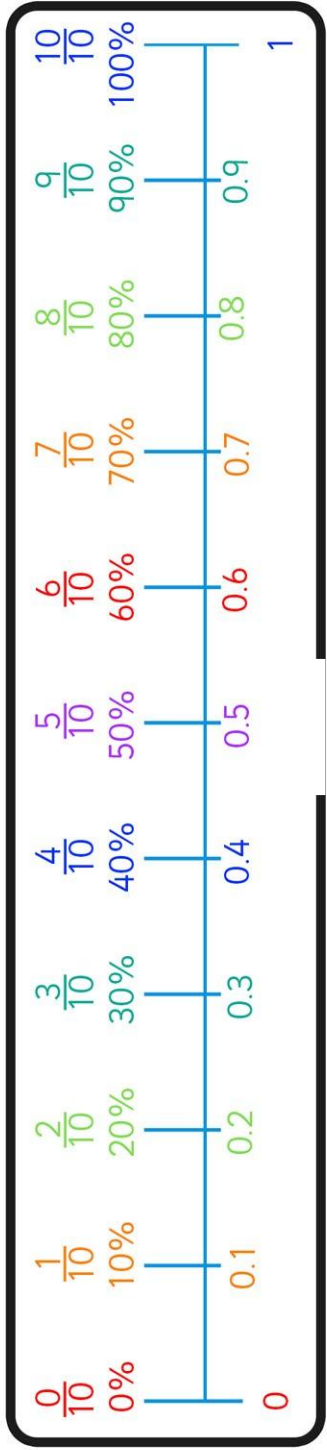
**10%**

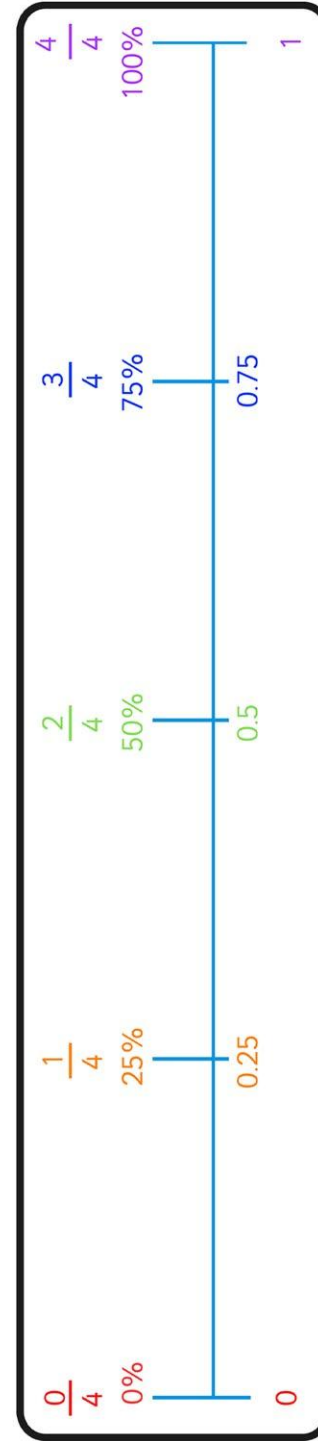
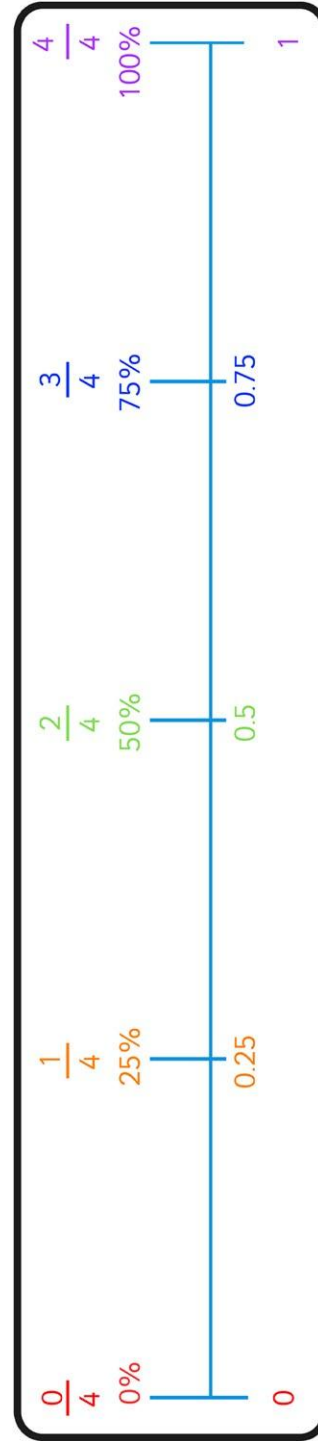
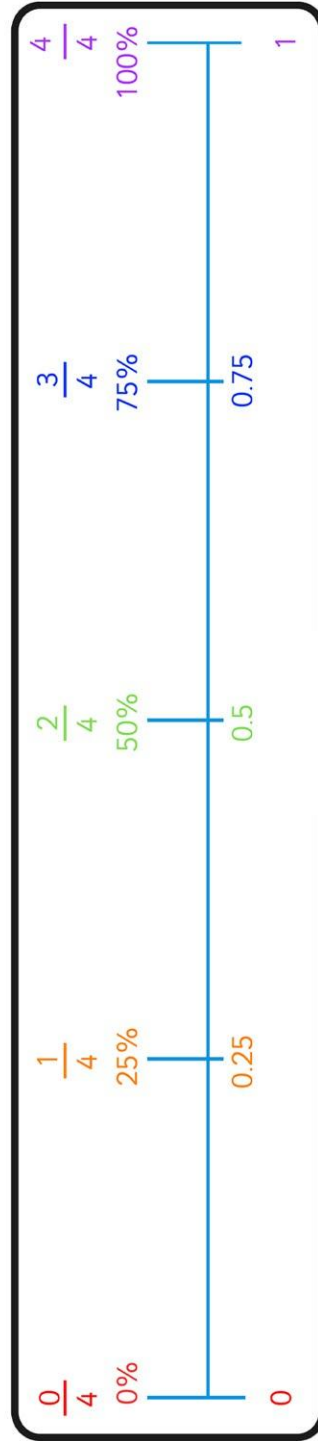
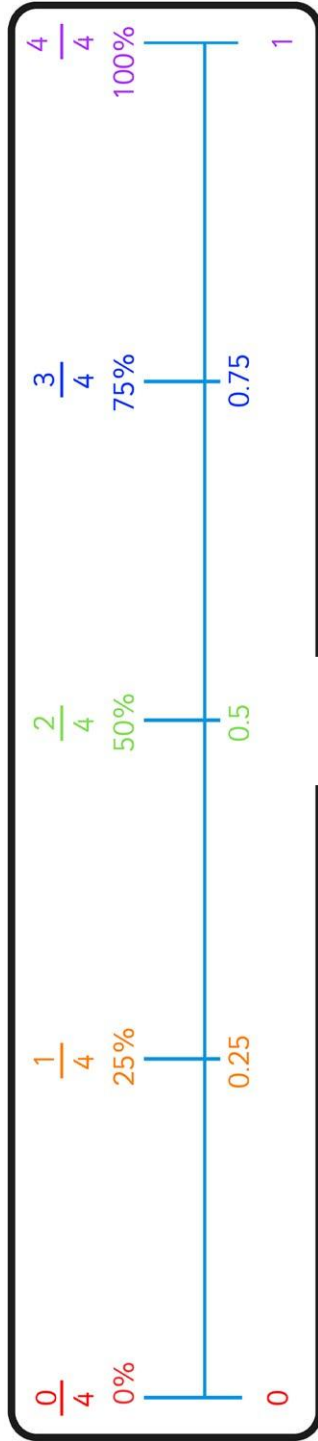
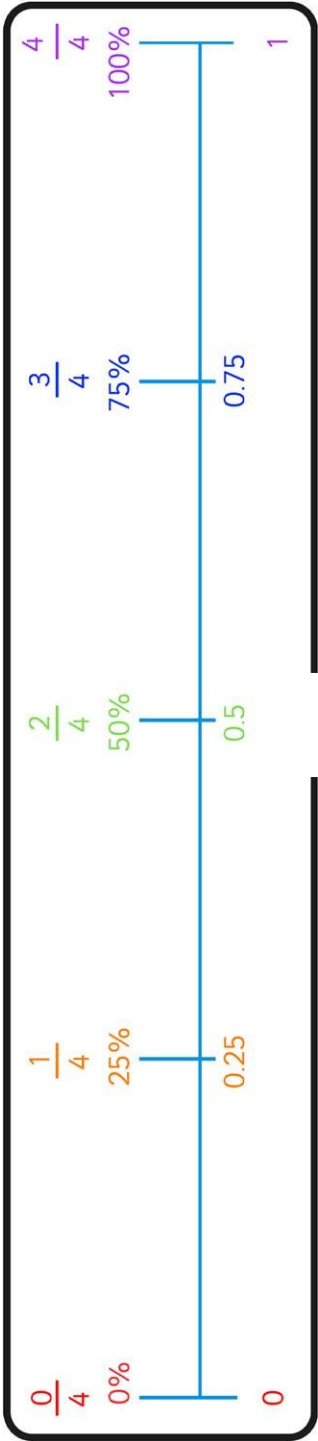
**=**

**0.01**

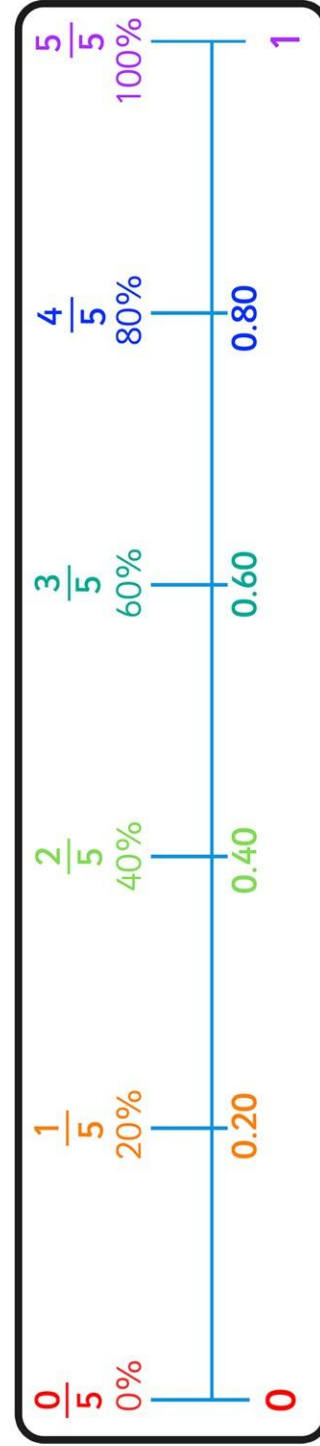
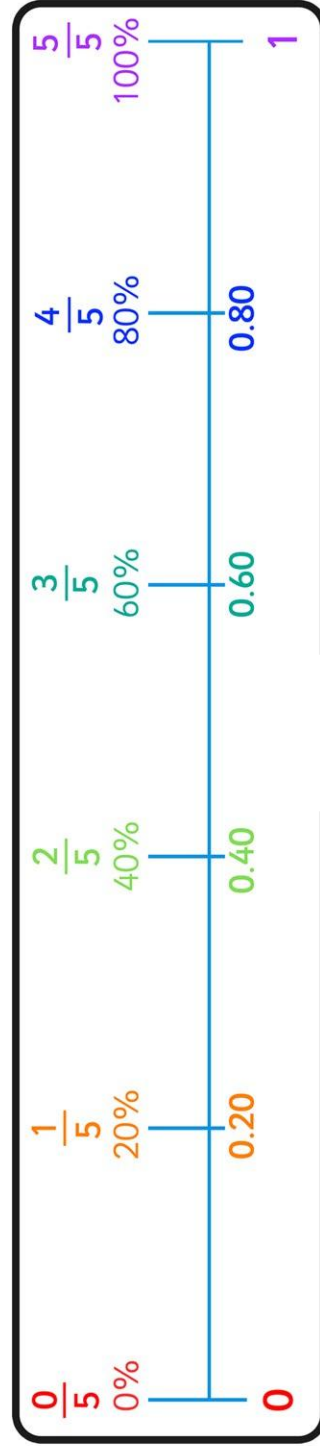
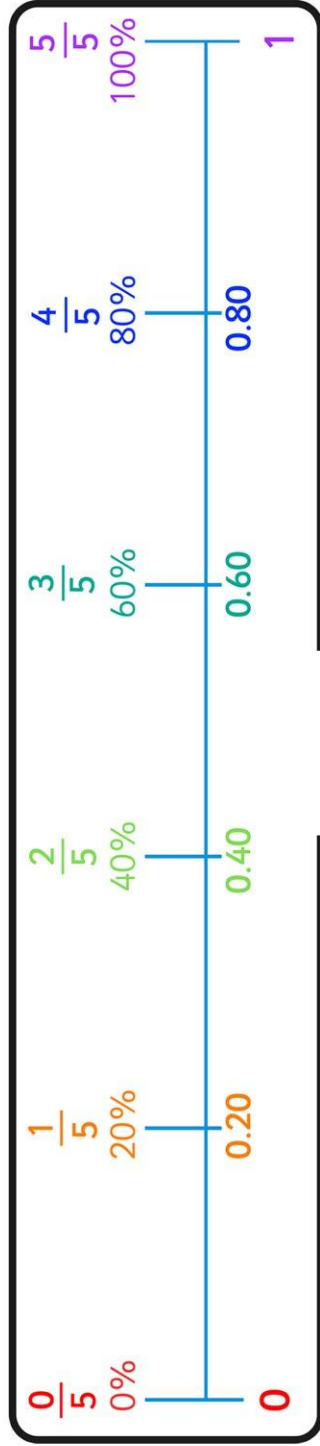
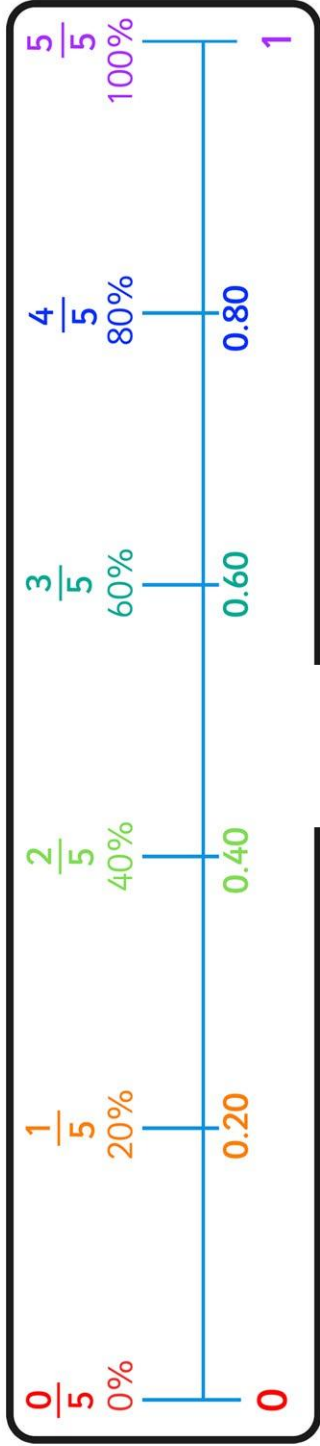
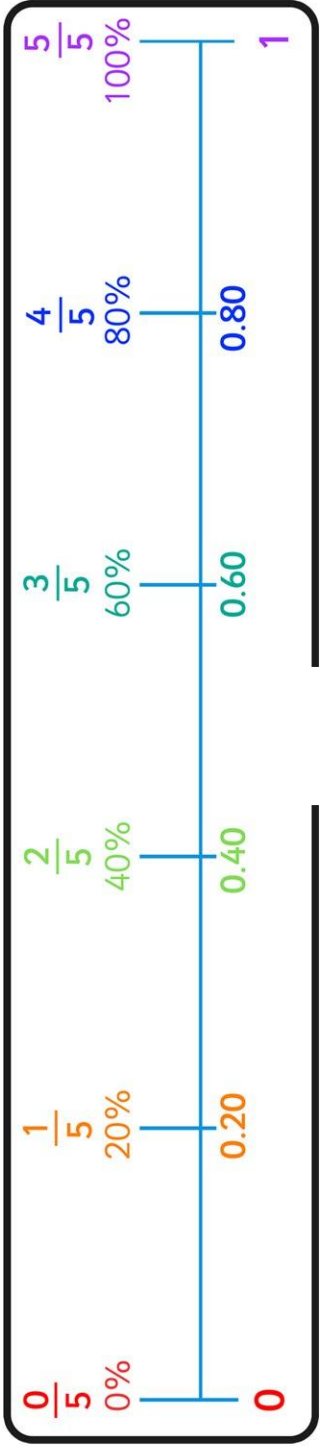
**=**

**1%**

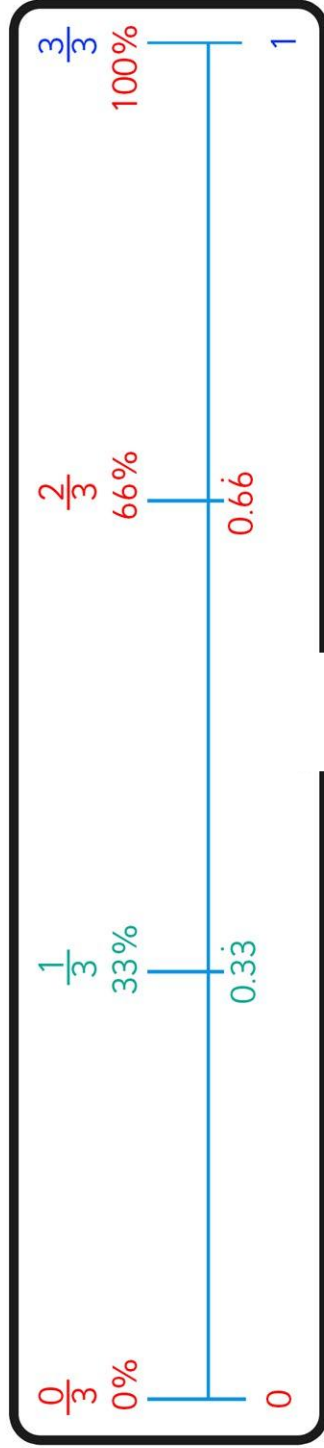
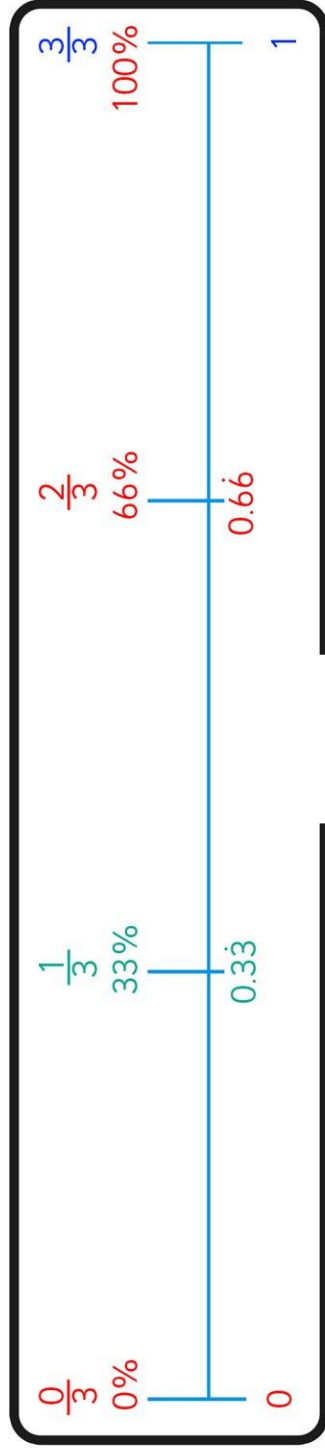
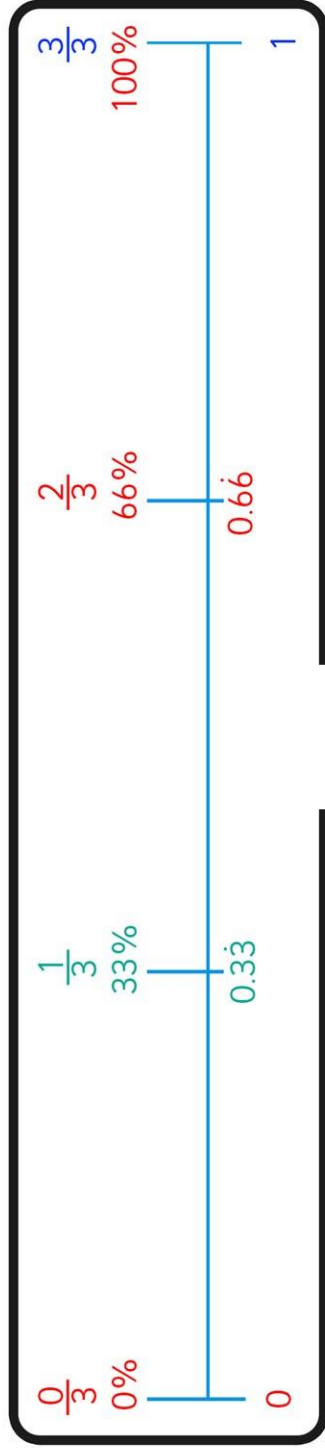
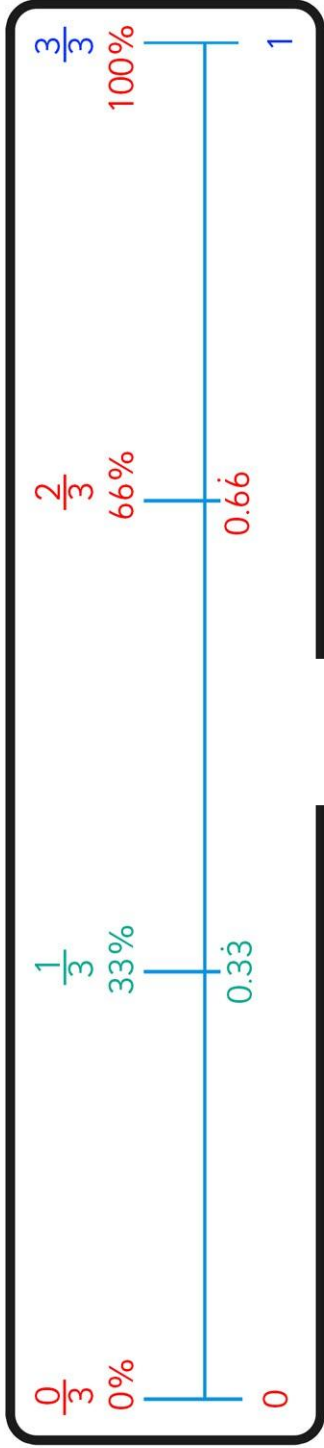
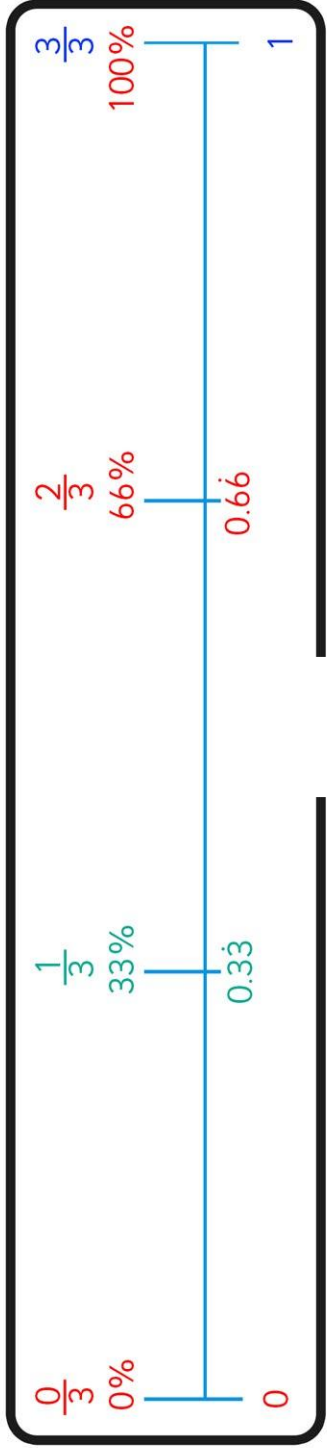


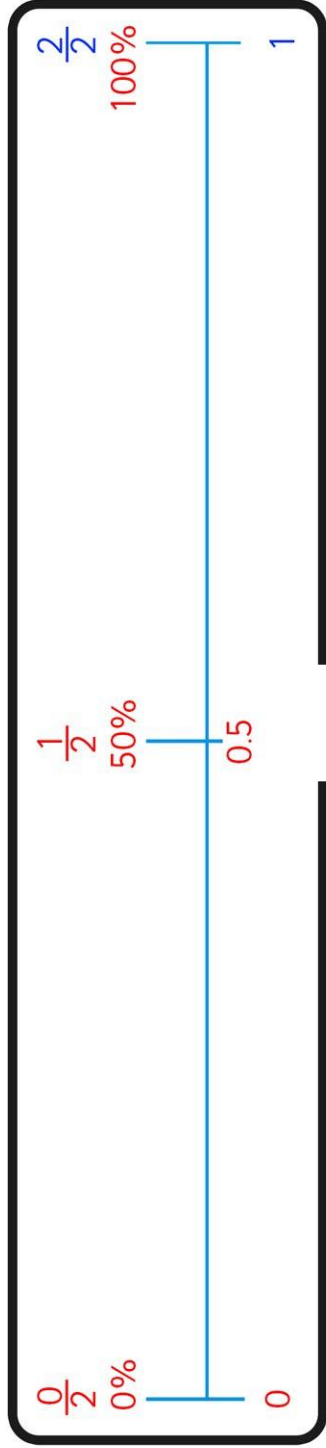
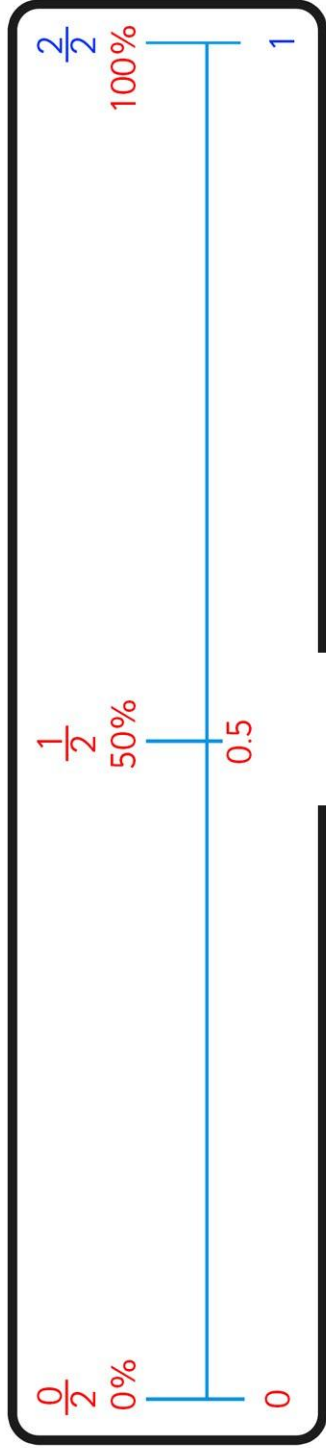
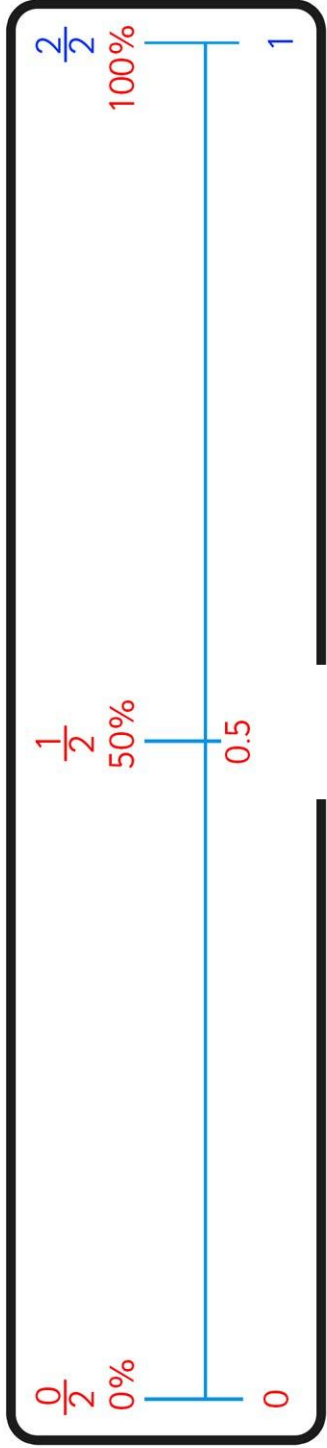
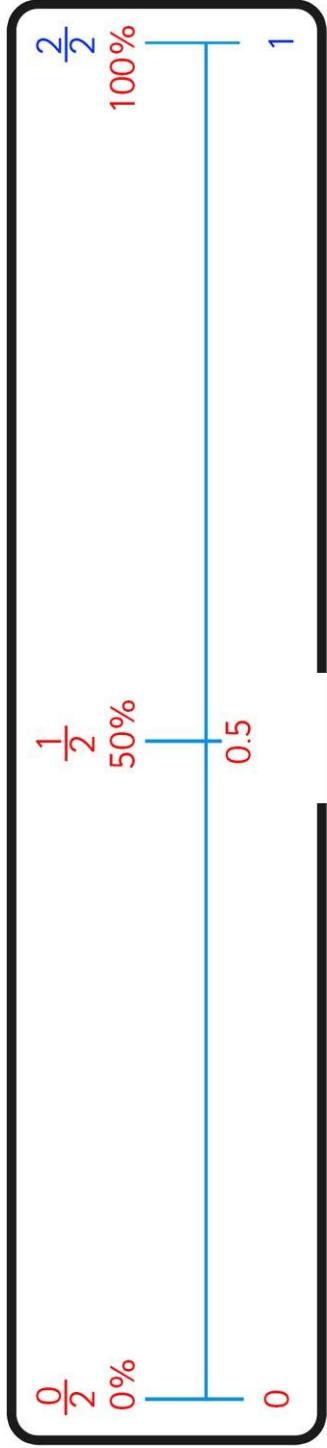
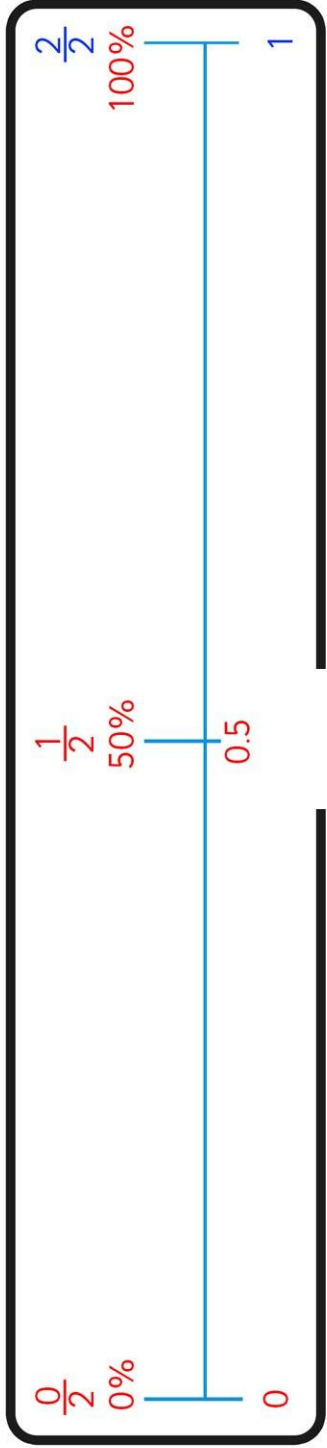


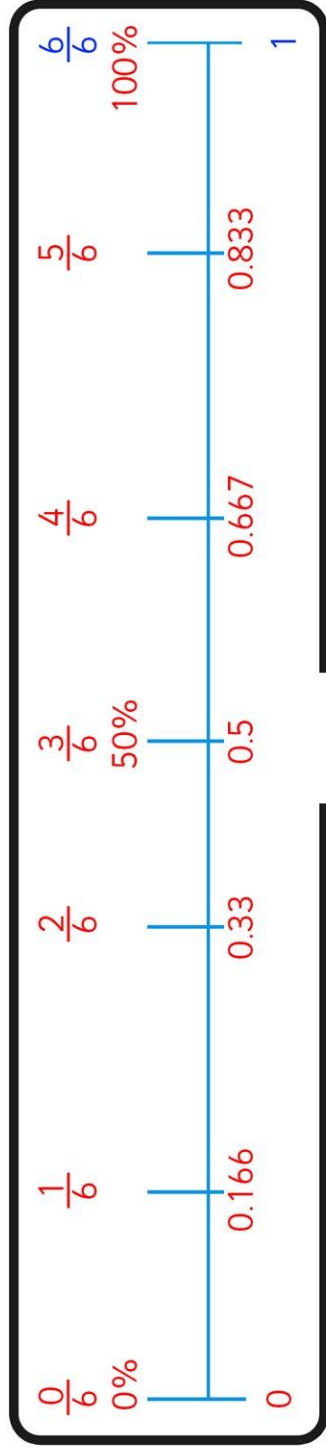
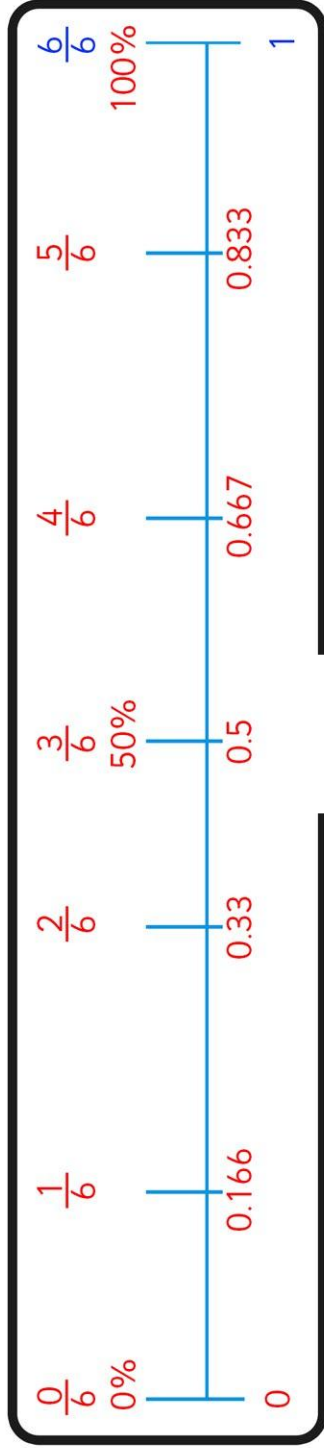
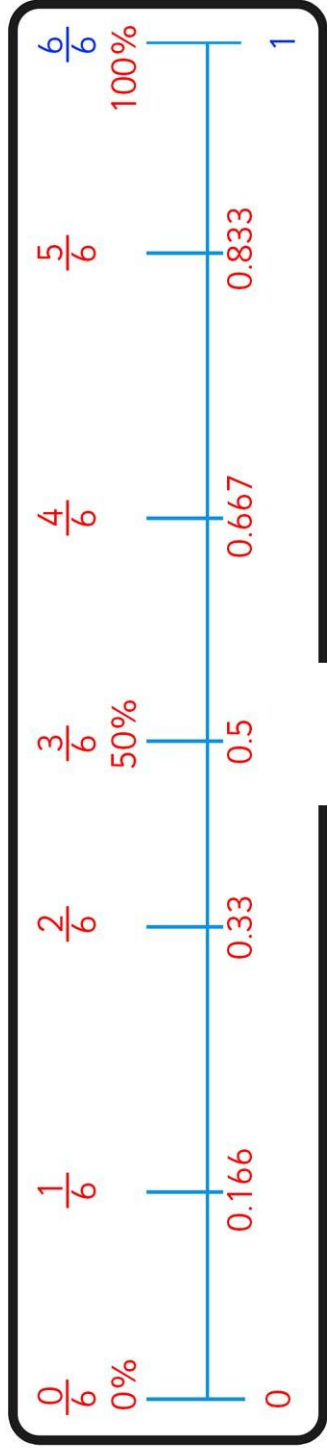
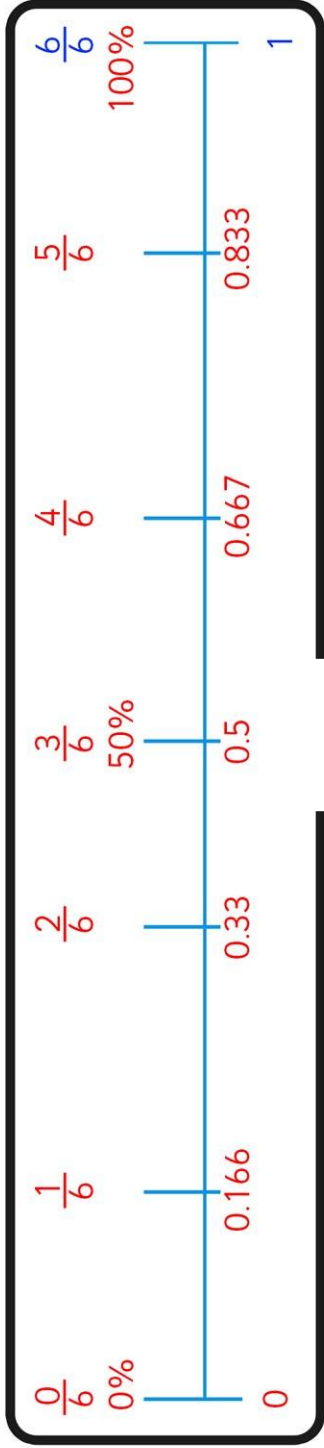
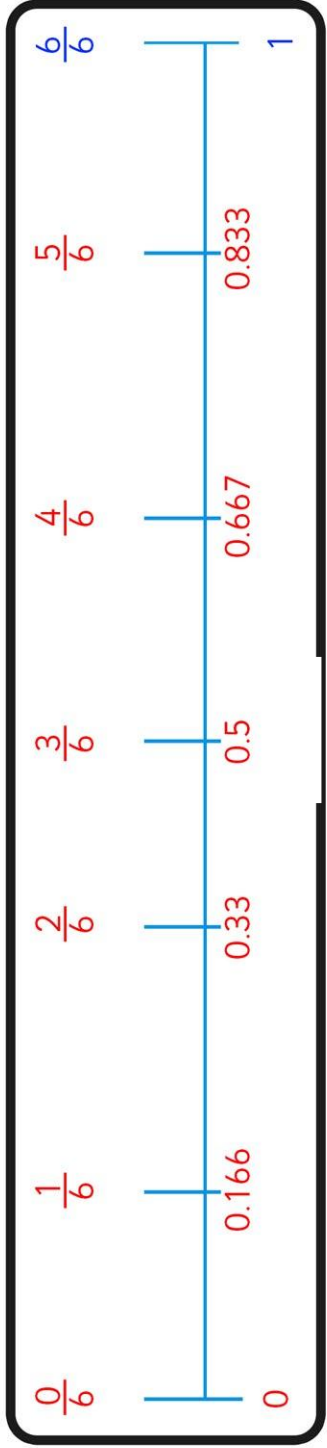


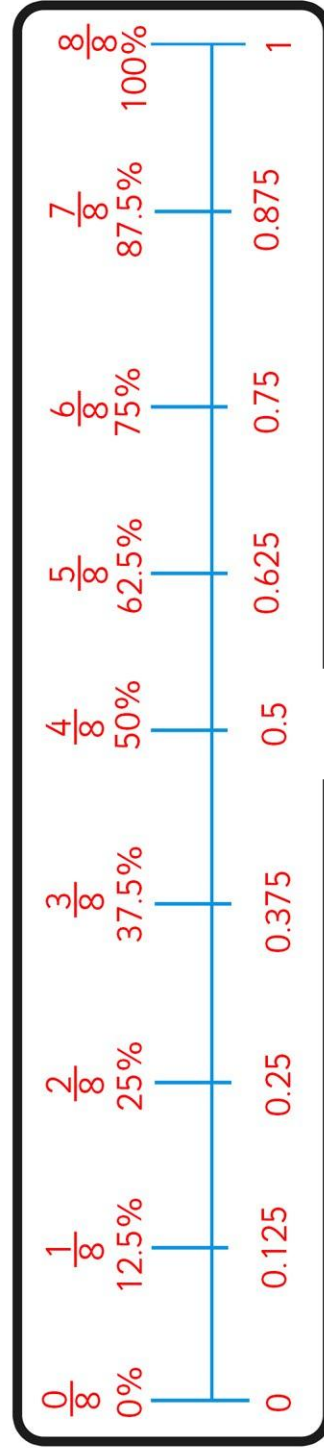
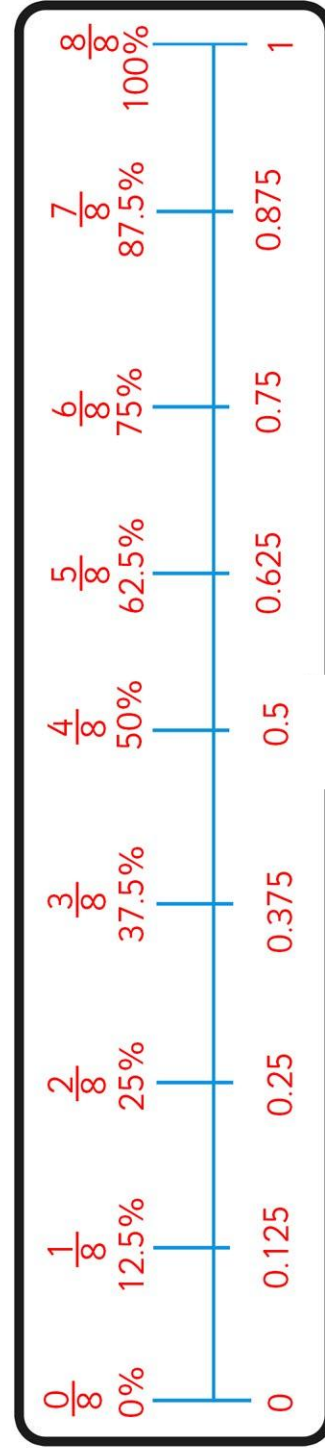
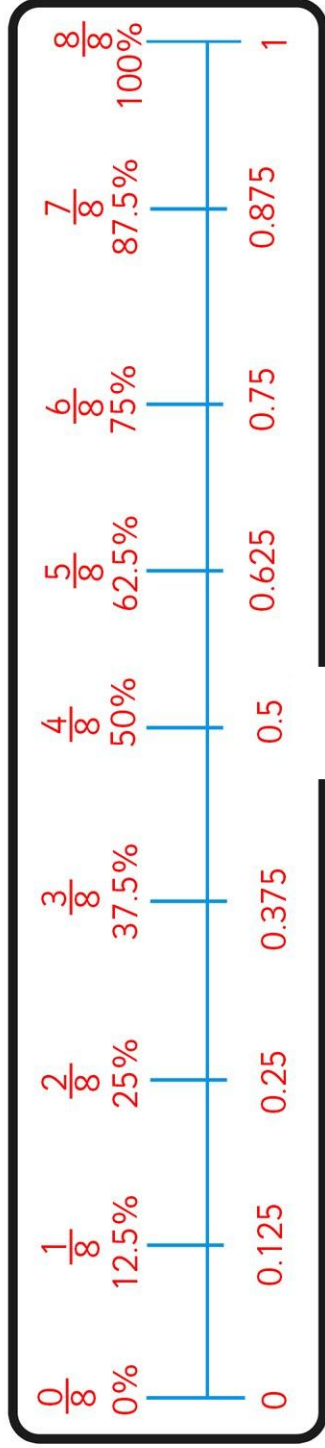
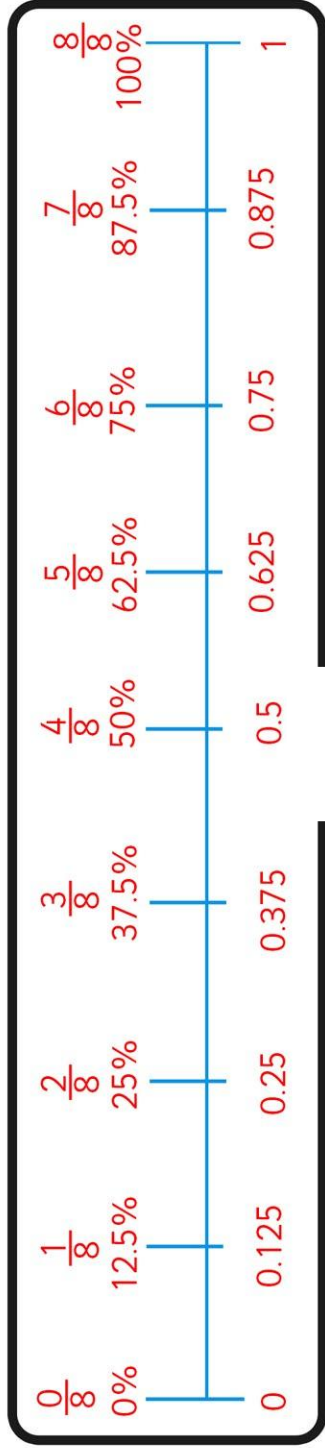
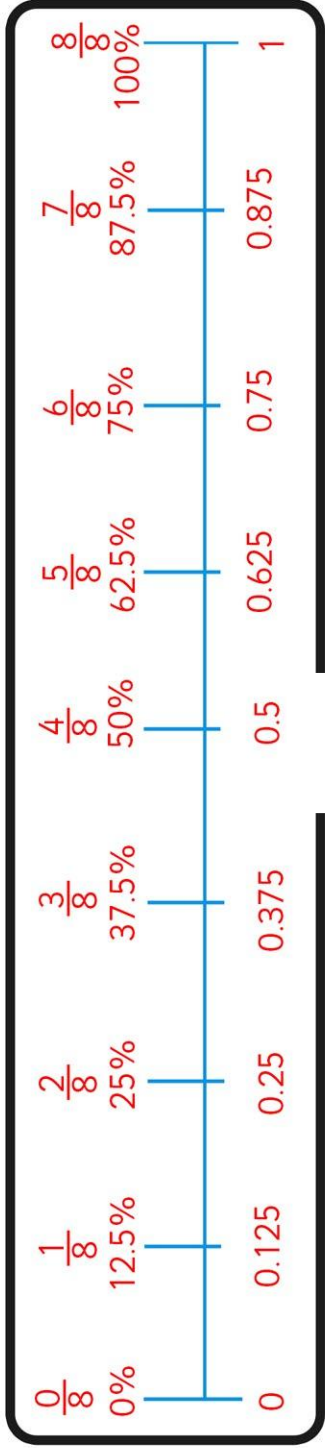












$$\frac{0}{10}$$

0%

$$\frac{1}{10}$$

10%

$$\frac{2}{10}$$

20%

$$\frac{3}{10}$$

30%



0

0.1

0.2

0.3

$$\frac{4}{10}$$

40%

0.4

$$\frac{5}{10}$$

50%

0.5

$$\frac{6}{10}$$

60%

0.6

$$\frac{7}{10}$$

$$\frac{8}{10}$$

$$\frac{9}{10}$$

$$\frac{10}{10}$$

70%

80%

90%

100%

0.7

0.8

0.9

1



$$\frac{0}{4}$$

0%

$$\frac{1}{4}$$

25%



0

0.25

$$\frac{2}{4}$$

50%

0.5

$$\frac{3}{4}$$

75%



0.75

$$\frac{4}{4}$$

100%



1

$\frac{0}{5}$   
0%

$\frac{1}{5}$   
20%



0.20

0

$$\frac{2}{5}$$

40%

0.40

$$\frac{3}{5}$$

60%

0.60

$$\frac{4}{5}$$

80%

0.80

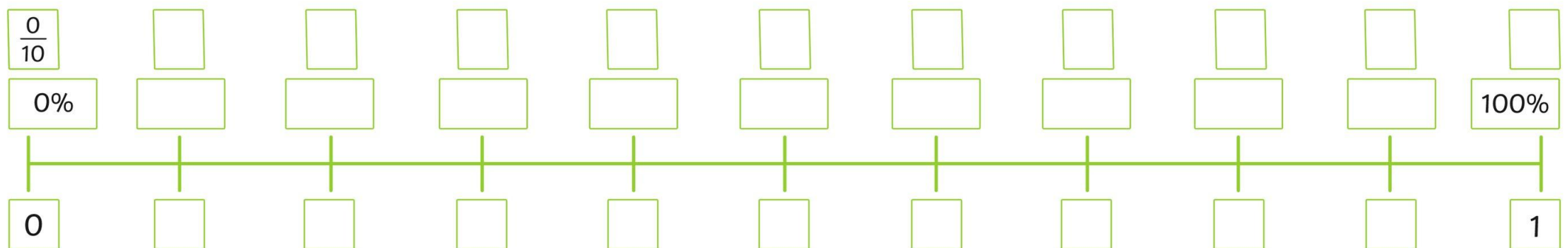
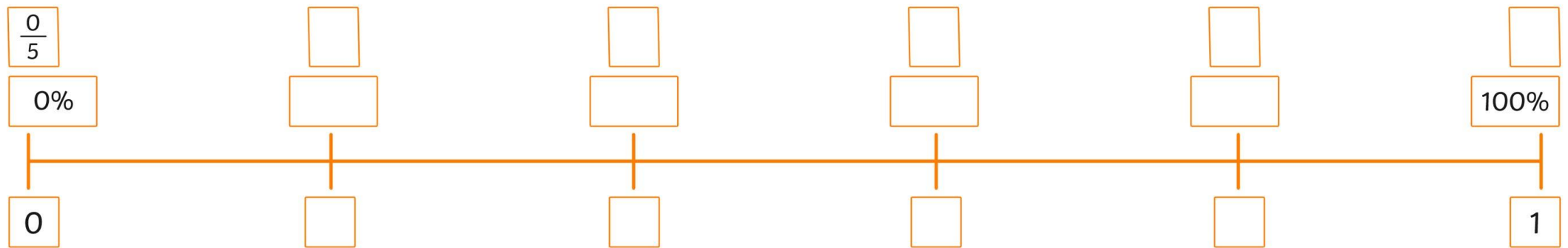
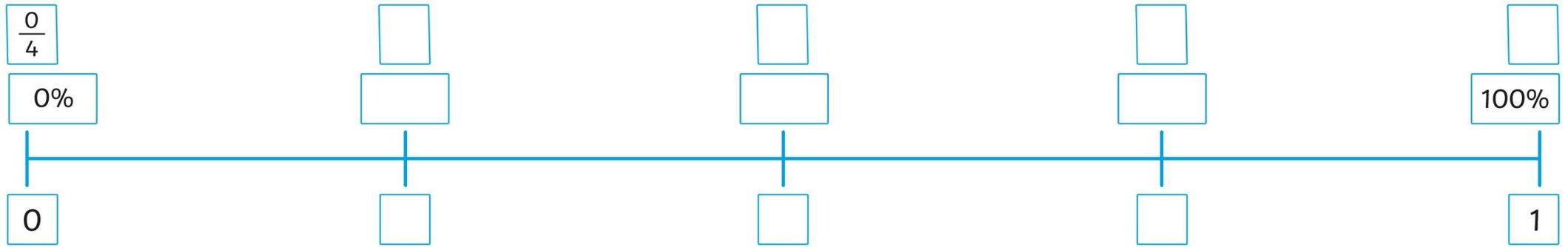
$$\frac{5}{5}$$

100%

1

# Percentages, Decimals and Fractions Number Line

Fill in the boxes with the missing percentages, decimals and fractions.





I have...

0.125

Who has...?

0.25 as a  
percentage

I have...

25%

Who has...?

$\frac{3}{4}$  as a  
percentage?

I have...

75%

Who has...?

10% of 85?

I have...

8.5

Who has...?

25% of 80?

I have...

20

Who has...?

$\frac{9}{100}$  as a  
percentage?

I have...

9%

Who has...?

0.01 as a  
percentage?

I have...

1%

Who has...?

40% of 60?

I have...

24

Who has...?

$\frac{6}{10}$  as a  
percentage?

I have...

60%

Who has...?

0.068 as a  
percentage?

I have...

6.8%

Who has...?

30% of 70?

I have...

21

Who has...?

0.7 as a  
percentage?

I have...

70%

Who has...?

1.08 as a  
fraction?

I have...

$$\frac{108}{100}$$

Who has...?

12.5% of 64?

I have...

8

Who has...?

80% of 90?

I have...

72

Who has...?

59% as a  
decimal  
fraction?

I have...

0.59

Who has...?

0.73 as a  
fraction?

I have...

$$\frac{73}{100}$$

Who has...?

100% as  
a decimal  
fraction?

I have...

1

Who has...?

0.31 as a  
percentage?

I have...

31%

Who has...?

1.721 as a  
fraction?

I have...

$$\frac{1721}{1000}$$

Who has...?

1% of 980?

I have...

9.8

Who has...?

$\frac{2}{5}$  as a  
percentage?

I have...

40%

Who has...?

10% of 980?

I have...

98

Who has...?

40% of 600?

I have...

240

Who has...?

10% of 660?

I have...

66

Who has...?

25% of 440?

I have...

110

Who has...?

20% of 1100?

I have...

220

Who has...?

10% of 540?

I have...

54

Who has...?

66 as a  
fraction?



I have...

$$\frac{66}{100}$$

Who has...?

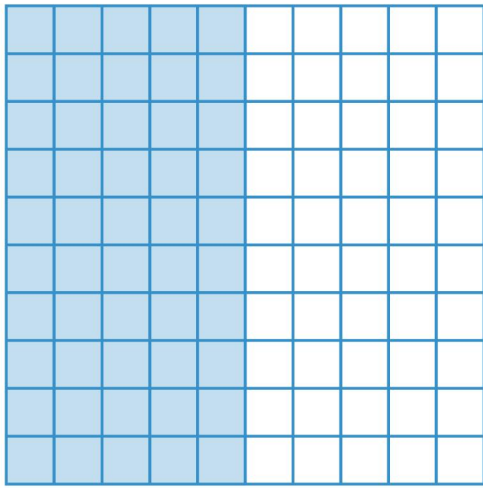
111 as  
fraction?

I have...

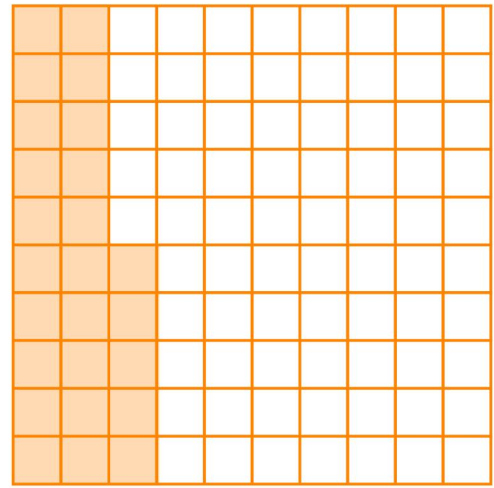
$$\frac{111}{1000}$$

Who has...?

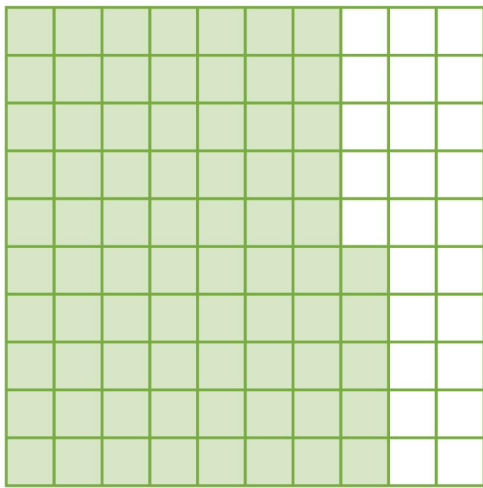
$\frac{1}{8}$  as a decimal  
fraction?



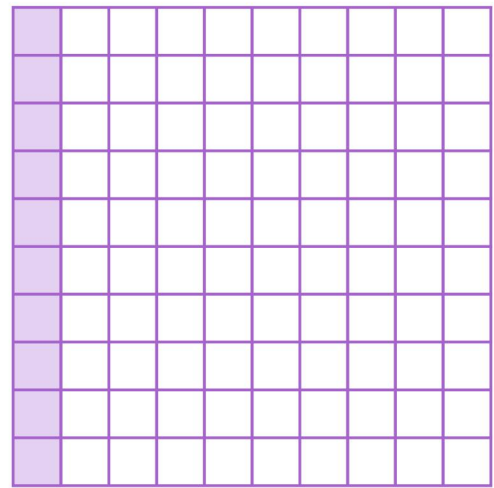
$$50\% = \frac{50}{100} = \frac{1}{2} = 0.5$$



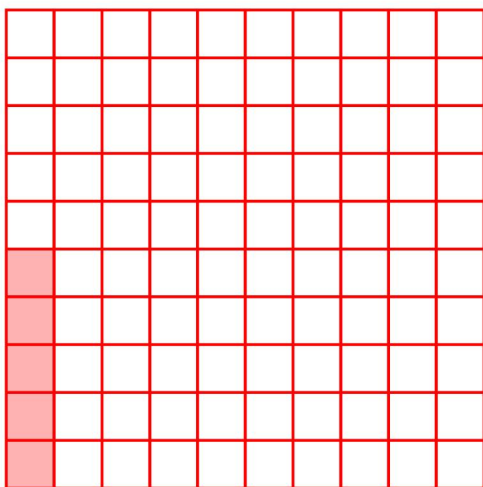
$$25\% = \frac{25}{100} = \frac{1}{4} = 0.25$$



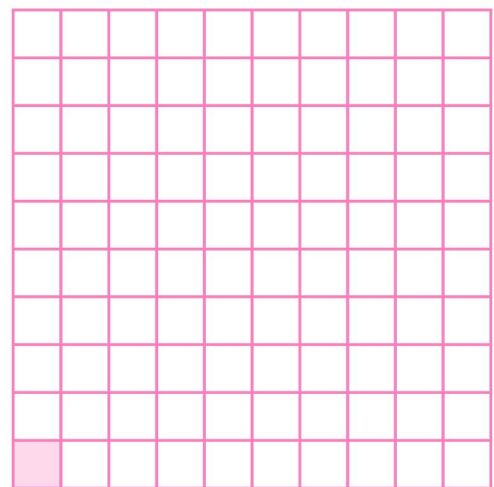
$$75\% = \frac{75}{100} = \frac{3}{4} = 0.75$$



$$10\% = \frac{10}{100} = \frac{1}{10} = 0.1$$

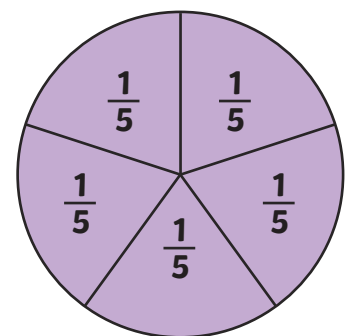
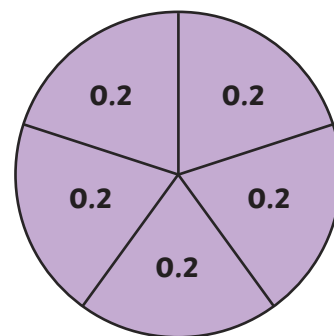
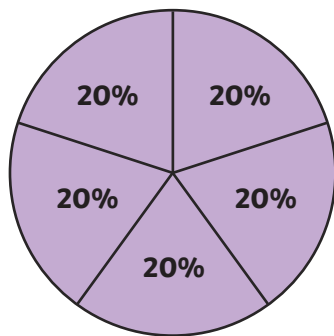
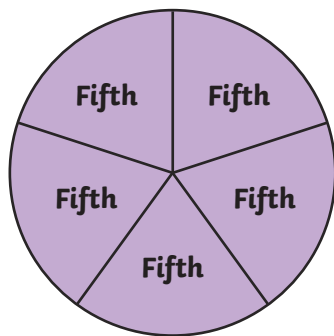
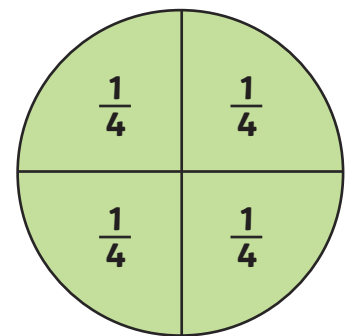
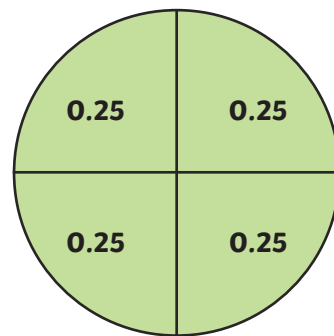
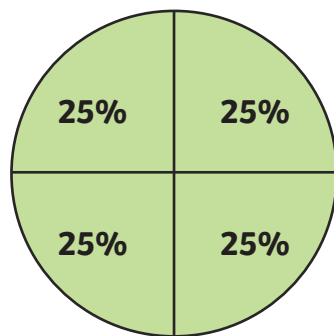
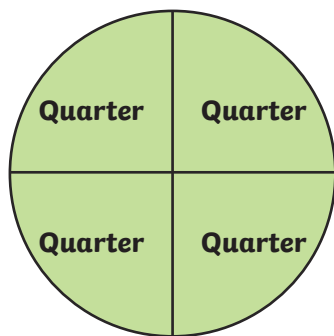
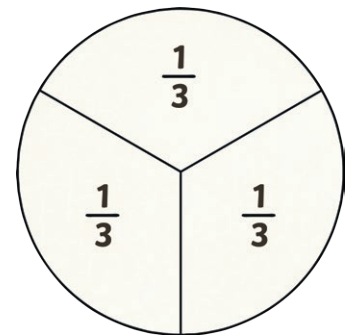
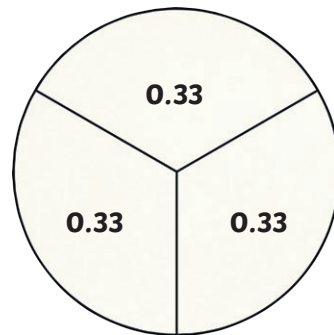
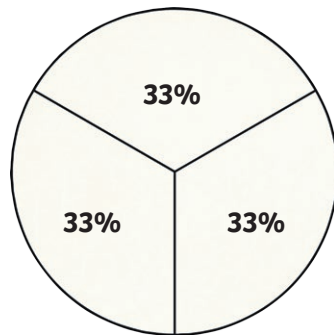
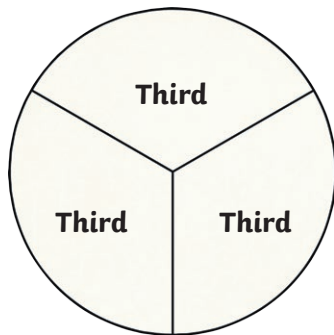
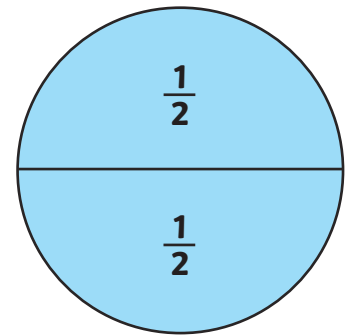
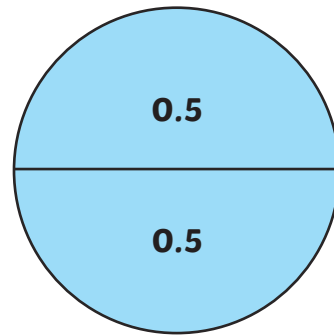
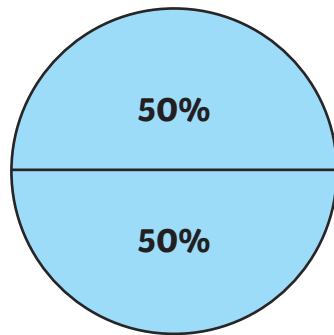
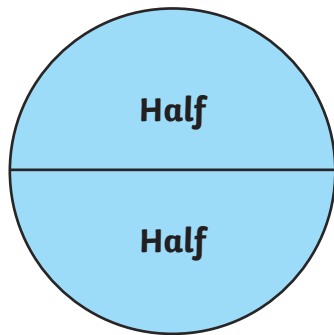
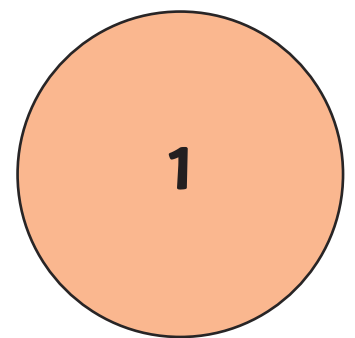
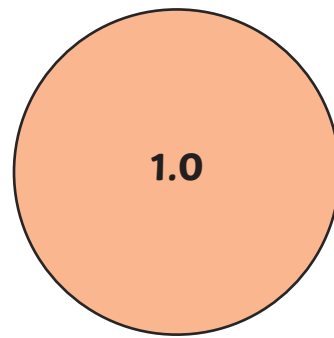
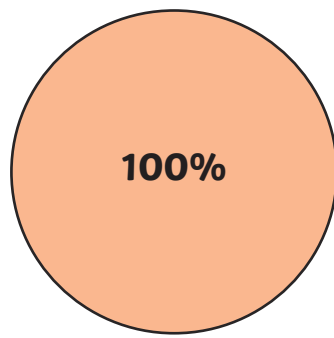
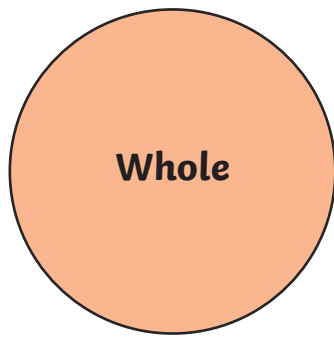


$$5\% = \frac{5}{100} = \frac{1}{20} = 0.05$$

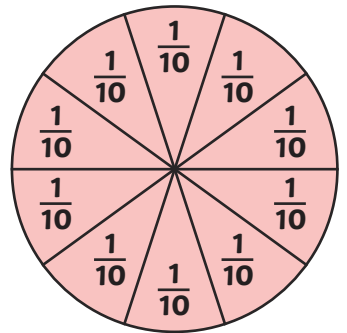
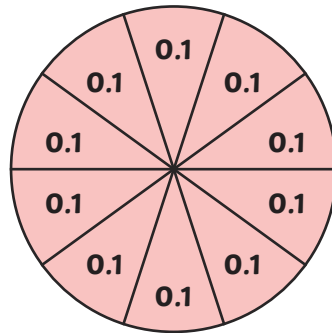
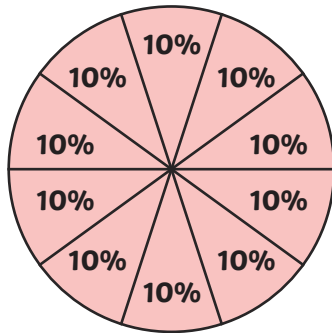
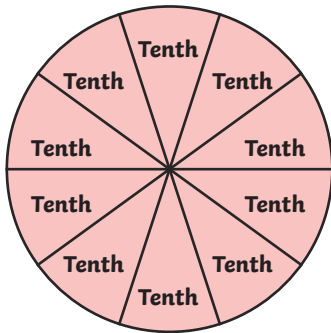
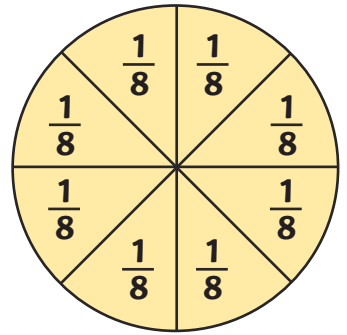
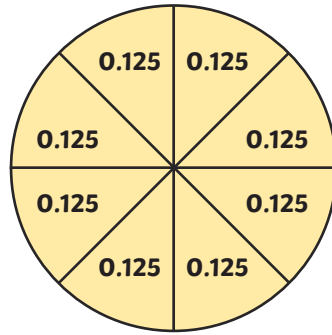
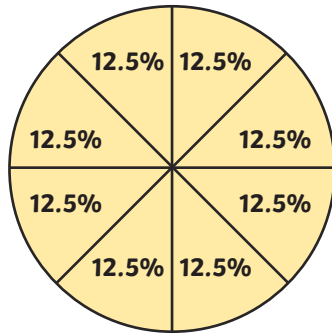
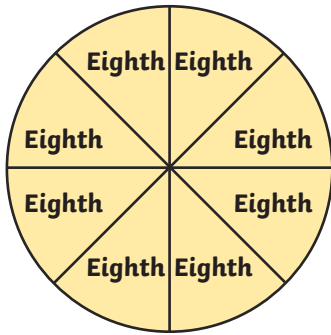


$$1\% = \frac{1}{100} = 0.01$$

# Fraction, Decimal and Percentage Wheels



# Fraction, Decimal and Percentage Wheels





$\frac{7}{10}$	0.1	0.7
0.4	0.2	70%
$\frac{6}{10}$	50%	100%
$\frac{1}{5}$	$\frac{8}{10}$	0.3
0.9	0.8	30%
$\frac{3}{10}$	20%	$\frac{1}{2}$
0.6	$\frac{1}{10}$	80%
$\frac{9}{10}$	0.5	$\frac{10}{10}$
$\frac{4}{10}$	10%	40%
1.00	90%	60%
75%	$\frac{3}{4}$	0.333
0.25	33%	0.75
$\frac{1}{3}$	$\frac{1}{4}$	25%





$\frac{7}{10}$	0.1	0.7
0.4	0.2	70%
$\frac{3}{5}$	50%	66%
$\frac{1}{5}$	$\frac{4}{5}$	0.3
0.9	0.8	30%
$\frac{3}{10}$	20%	$\frac{1}{2}$
0.6	$\frac{1}{10}$	80%
$\frac{9}{10}$	0.5	$\frac{2}{3}$
$\frac{2}{5}$	10%	40%
0.66	90%	60%
75%	$\frac{3}{4}$	0.333
0.25	33%	0.75
$\frac{1}{3}$	$\frac{1}{4}$	25%
15%	$\frac{3}{20}$	0.15
45%	$\frac{9}{20}$	0.45

$\frac{70}{100}$	10%	0.9	0.55	$\frac{30}{100}$
$\frac{90}{100}$	$\frac{3}{4}$	0.7	40%	0.85
55%	0.35	0.75	65%	0.4
0.3	95%	50%	0.12	22%
$\frac{2}{10}$	$\frac{1}{10}$	$\frac{1}{4}$	75%	12%

1.0	99%	75%	70%	60%
$\frac{3}{4}$	0.9	$\frac{1}{4}$	95%	$\frac{5}{10}$
15%	0.75	$\frac{50}{100}$	1%	25%
$\frac{90}{100}$	0.5	0.6	90%	$\frac{8}{10}$
40%	0.4	$\frac{6}{10}$	80%	$\frac{40}{100}$

$\frac{10}{100}$	$\frac{35}{100}$	80%	55%	20%
95%	$\frac{25}{100}$	$\frac{40}{100}$	$\frac{1}{10}$	0.7
$\frac{1}{4}$	0.3	0.75	$\frac{2}{10}$	0.12
0.8	15%	5%	75%	25%
0.85	$\frac{8}{10}$	100%	$\frac{65}{100}$	30%

34%	85%	$\frac{75}{100}$	0.2	65%
0.7	20%	99%	$\frac{85}{100}$	1%
25%	$\frac{1}{4}$	12%	0.35	0.25
24%	0.4	$\frac{65}{100}$	42%	0.9
22%	75%	$\frac{3}{4}$	1.0	0.75

<b>5%</b>	<b>100%</b>	<b>1%</b>	<b>90%</b>	<b>24%</b>
<b>0.6</b>	<b><math>\frac{5}{10}</math></b>	<b><math>\frac{3}{4}</math></b>	<b>0.5</b>	<b><math>\frac{6}{10}</math></b>
<b><math>\frac{75}{100}</math></b>	<b>30%</b>	<b>95%</b>	<b><math>\frac{50}{100}</math></b>	<b>55%</b>
<b>55%</b>	<b><math>\frac{35}{100}</math></b>	<b>0.1</b>	<b>0.25</b>	<b>60%</b>
<b>60%</b>	<b><math>\frac{10}{100}</math></b>	<b>70%</b>	<b><math>\frac{70}{100}</math></b>	<b>25%</b>

<b><math>\frac{10}{100}</math></b>	<b><math>\frac{1}{10}</math></b>	<b><math>\frac{8}{10}</math></b>	<b>0.85</b>	<b><math>\frac{30}{100}</math></b>
<b><math>\frac{3}{4}</math></b>	<b>0.2</b>	<b>20%</b>	<b>0.9</b>	<b>30%</b>
<b>15%</b>	<b><math>\frac{70}{100}</math></b>	<b>0.25</b>	<b>0.48</b>	<b>0.4</b>
<b>40%</b>	<b>60%</b>	<b>0.12</b>	<b><math>\frac{2}{10}</math></b>	<b>5%</b>
<b>99%</b>	<b>2%</b>	<b>0.1</b>	<b>0.75</b>	<b>42%</b>

<b>0.9</b>	<b>0.48</b>	<b>75%</b>	<b>0.8</b>	<b>0.75</b>
<b>0.2</b>	<b>0.4</b>	<b>0.55</b>	<b><math>\frac{2}{10}</math></b>	<b>5%</b>
<b><math>\frac{5}{10}</math></b>	<b><math>\frac{6}{10}</math></b>	<b><math>\frac{35}{100}</math></b>	<b>0.6</b>	<b><math>\frac{85}{100}</math></b>
<b>34%</b>	<b>24%</b>	<b>40%</b>	<b>0.35</b>	<b>0.65</b>
<b>10%</b>	<b>0.12</b>	<b>90%</b>	<b><math>\frac{3}{4}</math></b>	<b>85%</b>

<b>42%</b>	<b>0.55</b>	<b>0.3</b>	<b>12%</b>	<b>5%</b>
<b>20%</b>	<b>55%</b>	<b>0.65</b>	<b>25%</b>	<b>0.75</b>
<b>0.25</b>	<b>1.0</b>	<b><math>\frac{65}{100}</math></b>	<b>70%</b>	<b><math>\frac{30}{100}</math></b>
<b><math>\frac{6}{10}</math></b>	<b>80%</b>	<b>0.99</b>	<b>0.6</b>	<b>0.8</b>
<b>30%</b>	<b>60%</b>	<b>0.4</b>	<b>40%</b>	<b>99%</b>

<b>0.12</b>	<b>0.8</b>	<b>0.65</b>	<b>55%</b>	<b>60%</b>
<b>40%</b>	<b>100%</b>	$\frac{3}{4}$	<b>85%</b>	<b>0.4</b>
$\frac{85}{100}$	$\frac{35}{100}$	<b>15%</b>	$\frac{30}{100}$	$\frac{75}{100}$
$\frac{10}{100}$	<b>10%</b>	<b>42%</b>	<b>20%</b>	<b>5%</b>
<b>1.0</b>	$\frac{5}{10}$	<b>22%</b>	<b>0.75</b>	<b>50%</b>

<b>50%</b>	<b>0.2</b>	$\frac{40}{100}$	<b>90%</b>	<b>0.65</b>
<b>0.1</b>	$\frac{5}{10}$	$\frac{50}{100}$	$\frac{85}{100}$	<b>34%</b>
<b>5%</b>	<b>1.0</b>	<b>0.3</b>	<b>0.75</b>	<b>99%</b>
$\frac{35}{100}$	$\frac{6}{10}$	<b>65%</b>	<b>25%</b>	<b>1%</b>
<b>0.8</b>	<b>70%</b>	<b>0.85</b>	$\frac{90}{100}$	<b>85%</b>

<b>22%</b>	<b>99%</b>	<b>0.4</b>	<b><math>\frac{75}{100}</math></b>	<b><math>\frac{1}{10}</math></b>
<b>0.75</b>	<b>65%</b>	<b>42%</b>	<b>60%</b>	<b>0.8</b>
<b>0.1</b>	<b>0.9</b>	<b>70%</b>	<b><math>\frac{2}{10}</math></b>	<b><math>\frac{70}{100}</math></b>
<b>0.85</b>	<b>0.48</b>	<b>0.7</b>	<b>55%</b>	<b>80%</b>
<b>12%</b>	<b>0.2</b>	<b>30%</b>	<b>90%</b>	<b><math>\frac{35}{100}</math></b>

<b><math>\frac{5}{10}</math></b>	<b>50%</b>	<b>0.65</b>	<b>34%</b>	<b><math>\frac{25}{100}</math></b>
<b><math>\frac{90}{100}</math></b>	<b><math>\frac{65}{100}</math></b>	<b><math>\frac{75}{100}</math></b>	<b>0.1</b>	<b>85%</b>
<b>0.3</b>	<b>70%</b>	<b>0.55</b>	<b>75%</b>	<b>80%</b>
<b>0.7</b>	<b>0.85</b>	<b>5%</b>	<b><math>\frac{50}{100}</math></b>	<b><math>\frac{1}{4}</math></b>
<b><math>\frac{3}{4}</math></b>	<b>0.9</b>	<b>0.2</b>	<b>99%</b>	<b>1.0</b>

<b>0.99</b>	<b>6/10</b>	<b>70%</b>	<b>10%</b>	<b>0.4</b>
<b><math>\frac{90}{100}</math></b>	<b>80%</b>	<b><math>\frac{35}{100}</math></b>	<b>0.2</b>	<b>99%</b>
<b>0.6</b>	<b>34%</b>	<b><math>\frac{50}{100}</math></b>	<b>22%</b>	<b>0.8</b>
<b>0.85</b>	<b>2%</b>	<b>5%</b>	<b><math>\frac{25}{100}</math></b>	<b>5/10</b>
<b>12%</b>	<b><math>\frac{10}{100}</math></b>	<b>0.7</b>	<b>95%</b>	<b>85%</b>

<b>0.1</b>	<b>0.48</b>	<b>85%</b>	<b>55%</b>	<b>42%</b>
<b>0.55</b>	<b>25%</b>	<b>0.4</b>	<b>1.0</b>	<b><math>\frac{1}{4}</math></b>
<b><math>\frac{6}{10}</math></b>	<b><math>\frac{90}{100}</math></b>	<b>80%</b>	<b>0.12</b>	<b>0.65</b>
<b>99%</b>	<b>100%</b>	<b><math>\frac{75}{100}</math></b>	<b>30%</b>	<b><math>\frac{1}{10}</math></b>
<b><math>\frac{85}{100}</math></b>	<b>0.6</b>	<b><math>\frac{25}{100}</math></b>	<b>15%</b>	<b>0.3</b>



<b>100%</b>	<b>50%</b>	<b><math>\frac{1}{4}</math></b>	<b>1%</b>	<b>0.6</b>
<b>2%</b>	<b>0.9</b>	<b>24%</b>	<b><math>\frac{30}{100}</math></b>	<b>0.4</b>
<b>90%</b>	<b><math>\frac{8}{10}</math></b>	<b>22%</b>	<b><math>\frac{90}{100}</math></b>	<b>42%</b>
<b><math>\frac{35}{100}</math></b>	<b>15%</b>	<b><math>\frac{25}{100}</math></b>	<b>99%</b>	<b><math>\frac{3}{4}</math></b>
<b>30%</b>	<b><math>\frac{1}{10}</math></b>	<b>10%</b>	<b><math>\frac{10}{100}</math></b>	<b>0.1</b>

<b><math>\frac{3}{4}</math></b>	<b>0.48</b>	<b>0.85</b>	<b>42%</b>	<b>99%</b>
<b>0.12</b>	<b>0.4</b>	<b>80%</b>	<b><math>\frac{1}{10}</math></b>	<b>2%</b>
<b>30%</b>	<b><math>\frac{10}{100}</math></b>	<b>40%</b>	<b>0.35</b>	<b>0.8</b>
<b>34%</b>	<b>0.6</b>	<b><math>\frac{5}{10}</math></b>	<b>100%</b>	<b><math>\frac{2}{10}</math></b>
<b><math>\frac{50}{100}</math></b>	<b><math>\frac{85}{100}</math></b>	<b>25%</b>	<b>0.7</b>	<b>1%</b>

<b>0.75</b>	<b><math>\frac{75}{100}</math></b>	<b>0.35</b>	<b>0.1</b>	<b><math>\frac{85}{100}</math></b>
<b>70%</b>	<b>1%</b>	<b>0.85</b>	<b>0.2</b>	<b>90%</b>
<b>30%</b>	<b><math>\frac{40}{100}</math></b>	<b>20%</b>	<b><math>\frac{1}{4}</math></b>	<b>10%</b>
<b>2%</b>	<b>65%</b>	<b>60%</b>	<b>40%</b>	<b>0.48</b>
<b>0.7</b>	<b>95%</b>	<b><math>\frac{1}{10}</math></b>	<b><math>\frac{50}{100}</math></b>	<b>50%</b>

<b>1%</b>	<b><math>\frac{70}{100}</math></b>	<b>0.5</b>	<b>0.1</b>	<b><math>\frac{8}{10}</math></b>
<b><math>\frac{35}{100}</math></b>	<b><math>\frac{25}{100}</math></b>	<b>24%</b>	<b><math>\frac{65}{100}</math></b>	<b>55%</b>
<b>1.0</b>	<b><math>\frac{3}{4}</math></b>	<b>0.7</b>	<b>10%</b>	<b>80%</b>
<b>0.2</b>	<b>0.3</b>	<b><math>\frac{50}{100}</math></b>	<b>0.48</b>	<b>99%</b>
<b>65%</b>	<b>40%</b>	<b><math>\frac{90}{100}</math></b>	<b><math>\frac{85}{100}</math></b>	<b>0.99</b>

<b>55%</b>	<b>90%</b>	<b>0.48</b>	<b>6/10</b>	<b><math>\frac{35}{100}</math></b>
<b><math>\frac{50}{100}</math></b>	<b>65%</b>	<b><math>\frac{5}{10}</math></b>	<b>15%</b>	<b>0.65</b>
<b>24%</b>	<b>100%</b>	<b><math>\frac{1}{10}</math></b>	<b>30%</b>	<b>0.12</b>
<b>95%</b>	<b>0.6</b>	<b>22%</b>	<b><math>\frac{65}{100}</math></b>	<b>34%</b>
<b>0.5</b>	<b><math>\frac{70}{100}</math></b>	<b><math>\frac{30}{100}</math></b>	<b>0.75</b>	<b>12%</b>

<b>80%</b>	<b><math>\frac{40}{100}</math></b>	<b>0.7</b>	<b>0.65</b>	<b>20%</b>
<b>0.85</b>	<b>40%</b>	<b>100%</b>	<b>0.9</b>	<b><math>\frac{1}{4}</math></b>
<b>24%</b>	<b>22%</b>	<b>10%</b>	<b>1.0</b>	<b><math>\frac{90}{100}</math></b>
<b>5%</b>	<b>0.55</b>	<b><math>\frac{30}{100}</math></b>	<b>0.48</b>	<b><math>\frac{1}{10}</math></b>
<b>34%</b>	<b>50%</b>	<b>0.12</b>	<b>30%</b>	<b>0.2</b>

<b>0.99</b>	<b>50%</b>	<b>34%</b>	<b>8/10</b>	<b>0.8</b>
<b>0.2</b>	<b>30%</b>	<b><math>\frac{75}{100}</math></b>	<b>0.75</b>	<b><math>\frac{50}{100}</math></b>
<b>60%</b>	<b><math>\frac{2}{10}</math></b>	<b>15%</b>	<b>0.1</b>	<b><math>\frac{6}{10}</math></b>
<b>5%</b>	<b>85%</b>	<b>0.5</b>	<b>0.12</b>	<b><math>\frac{70}{100}</math></b>
<b>90%</b>	<b>0.9</b>	<b>0.4</b>	<b>99%</b>	<b>40%</b>

<b>22%</b>	<b><math>\frac{10}{100}</math></b>	<b>0.1</b>	<b>1.0</b>	<b>99%</b>
<b>0.35</b>	<b>40%</b>	<b><math>\frac{30}{100}</math></b>	<b>12%</b>	<b>0.3</b>
<b><math>\frac{90}{100}</math></b>	<b><math>\frac{2}{10}</math></b>	<b>85%</b>	<b>42%</b>	<b><math>\frac{50}{100}</math></b>
<b>70%</b>	<b>50%</b>	<b>0.99</b>	<b>2%</b>	<b>65%</b>
<b>0.65</b>	<b>0.25</b>	<b><math>\frac{40}{100}</math></b>	<b>0.4</b>	<b>0.75</b>

$\frac{3}{4}$	65%	0.65	15%	75%
1.0	90%	0.85	0.55	$\frac{6}{10}$
20%	$\frac{1}{10}$	0.99	0.25	12%
0.3	40%	34%	$\frac{8}{10}$	42%
70%	$\frac{50}{100}$	85%	0.1	0.6

99%	$\frac{90}{100}$	0.35	$\frac{85}{100}$	75%
$\frac{6}{10}$	55%	40%	$\frac{30}{100}$	65%
20%	80%	0.75	1.0	$\frac{50}{100}$
$\frac{65}{100}$	30%	$\frac{8}{10}$	0.6	100%
$\frac{25}{100}$	0.1	0.85	0.65	0.25

$\frac{3}{4}$	30%	85%	5/10	25%
0.9	12%	$\frac{85}{100}$	22%	5%
55%	15%	$\frac{10}{100}$	80%	0.12
0.4	2%	$\frac{90}{100}$	0.2	0.48
0.35	$\frac{75}{100}$	$\frac{40}{100}$	34%	40%

$\frac{75}{100}$	0.3	$\frac{10}{100}$	1.0	$\frac{40}{100}$
34%	$\frac{30}{100}$	$\frac{2}{10}$	0.1	1%
$\frac{6}{10}$	2%	$\frac{1}{10}$	0.35	0.4
0.2	85%	55%	5%	90%
$\frac{35}{100}$	42%	$\frac{8}{10}$	10%	15%

<b>25%</b>	<b>0.75</b>	<b>0.4</b>	<b>0.5</b>	<b>0.2</b>
<b>75%</b>	<b>65%</b>	<b>60%</b>	<b>2%</b>	<b><math>\frac{70}{100}</math></b>
<b><math>\frac{10}{100}</math></b>	<b><math>\frac{3}{4}</math></b>	<b><math>\frac{1}{10}</math></b>	<b>34%</b>	<b><math>\frac{1}{4}</math></b>
<b>22%</b>	<b><math>\frac{6}{10}</math></b>	<b>10%</b>	<b>90%</b>	<b>1.0</b>
<b>20%</b>	<b>1%</b>	<b>0.99</b>	<b>0.85</b>	<b>50%</b>

<b>40%</b>	<b><math>\frac{85}{100}</math></b>	<b>70%</b>	<b>0.7</b>	<b>0.85</b>
<b>25%</b>	<b>34%</b>	<b>12%</b>	<b><math>\frac{10}{100}</math></b>	<b>8/10</b>
<b>24%</b>	<b>0.9</b>	<b><math>\frac{1}{10}</math></b>	<b>85%</b>	<b>1.0</b>
<b>5%</b>	<b><math>\frac{6}{10}</math></b>	<b>60%</b>	<b>0.4</b>	<b>0.3</b>
<b>0.2</b>	<b><math>\frac{1}{4}</math></b>	<b><math>\frac{35}{100}</math></b>	<b><math>\frac{65}{100}</math></b>	<b>100%</b>

<b>34%</b>	<b>100%</b>	<b><math>\frac{65}{100}</math></b>	<b>0.85</b>	<b><math>\frac{50}{100}</math></b>
<b>40%</b>	<b>42%</b>	<b>0.75</b>	<b>0.4</b>	<b><math>\frac{6}{10}</math></b>
<b>0.3</b>	<b><math>\frac{8}{10}</math></b>	<b>80%</b>	<b>0.12</b>	<b>99%</b>
<b>1%</b>	<b>0.25</b>	<b>0.6</b>	<b><math>\frac{35}{100}</math></b>	<b>0.55</b>
<b>70%</b>	<b>10%</b>	<b><math>\frac{25}{100}</math></b>	<b>30%</b>	<b>50%</b>

<b>0.1</b>	<b>0.9</b>	<b>0.48</b>	<b><math>\frac{40}{100}</math></b>	<b>0.55</b>
<b><math>\frac{35}{100}</math></b>	<b><math>\frac{25}{100}</math></b>	<b><math>\frac{5}{10}</math></b>	<b><math>\frac{1}{10}</math></b>	<b><math>\frac{85}{100}</math></b>
<b>70%</b>	<b><math>\frac{6}{10}</math></b>	<b>50%</b>	<b><math>\frac{30}{100}</math></b>	<b>15%</b>
<b>12%</b>	<b>25%</b>	<b>0.65</b>	<b>80%</b>	<b>40%</b>
<b><math>\frac{70}{100}</math></b>	<b>0.2</b>	<b>85%</b>	<b><math>\frac{75}{100}</math></b>	<b>2/10</b>



# Fraction, Decimal and Percentage Bingo

For each value, choose the difficulty of clue you would like to give. Use the checklist to mark off values you have already given.

✓	Answer	★	★★	★★★
	1%	$\frac{1}{100}$ as a percentage	0.01 as a percentage	100% - 99%
	2%	$\frac{2}{100}$ as a percentage	0.02 as a percentage	$\frac{1}{50}$ as a percentage
	5%	$\frac{5}{100}$ as a percentage	0.05 as a percentage	$\frac{1}{20}$ as a percentage
	10%	$\frac{10}{100}$ as a percentage	0.10 as a percentage	$\frac{1}{10}$ as a percentage
	12%	$\frac{12}{100}$ as a percentage	0.12 as a percentage	$\frac{6}{50}$ as a percentage
	15%	$\frac{15}{100}$ as a percentage	0.15 as a percentage	$\frac{3}{20}$ as a percentage
	20%	$\frac{20}{100}$ as a percentage	0.2 as a percentage	$\frac{2}{10}$ as a percentage
	22%	$\frac{22}{100}$ as a percentage	0.22 as a percentage	$\frac{11}{50}$ as a percentage
	24%	$\frac{24}{100}$ as a percentage	0.24 as a percentage	$\frac{12}{50}$ as a percentage

	25%	$\frac{25}{100}$ as a percentage	0.25 as a percentage	$\frac{5}{20}$ as a percentage
	30%	$\frac{30}{100}$ as a percentage	0.3 as a percentage	$\frac{3}{10}$ as a percentage
	34%	$\frac{34}{100}$ as a percentage	0.34 as a percentage	$\frac{17}{50}$ as a percentage
	40%	$\frac{40}{100}$ as a percentage	0.4 as a percentage	$\frac{4}{10}$ as a percentage
	42%	$\frac{42}{100}$ as a percentage	0.42 as a percentage	$\frac{21}{50}$ as a percentage
	50%	$\frac{50}{100}$ as a percentage	0.5 as a percentage	$\frac{1}{2}$ as a percentage
	55%	$\frac{55}{100}$ as a percentage	0.55 as a percentage	$\frac{11}{20}$ as a percentage
	60%	$\frac{60}{100}$ as a percentage	0.6 as a percentage	$\frac{6}{10}$ as a percentage
	65%	$\frac{65}{100}$ as a percentage	0.65 as a percentage	$\frac{13}{20}$ as a percentage
	70%	$\frac{70}{100}$ as a percentage	0.7 as a percentage	$\frac{7}{10}$ as a percentage
	75%	$\frac{75}{100}$ as a percentage	$\frac{3}{4}$ as a percentage	$\frac{15}{20}$ as a percentage
	80%	$\frac{80}{100}$ as a percentage	0.8 as a percentage	$\frac{8}{10}$ as a percentage

	85%	$\frac{85}{100}$ as a percentage	0.85 as a percentage	$\frac{17}{20}$ as a percentage
	90%	$\frac{90}{100}$ as a percentage	0.9 as a percentage	$\frac{9}{10}$ as a percentage
	99%	$\frac{99}{100}$ as a percentage	0.99 as a percentage	100% - 1%
	100%	1.00 as a percentage	11 as a percentage	50% + 50%
	0.1	$\frac{10}{100}$ as a decimal	10% as a decimal	$\frac{1}{10}$ as a decimal
	0.2	$\frac{20}{100}$ as a decimal	20% as a decimal	$\frac{2}{10}$ as a decimal
	0.25	$\frac{25}{100}$ as a decimal	25% as a decimal	$\frac{1}{4}$ as a decimal
	0.3	$\frac{30}{100}$ as a decimal	30% as a decimal	$\frac{3}{10}$ as a decimal
	0.35	$\frac{35}{100}$ as a decimal	35% as a decimal	$\frac{7}{20}$ as a decimal
	0.4	$\frac{40}{100}$ as a decimal	40% as a decimal	$\frac{4}{10}$ as a decimal
	0.48	$\frac{48}{100}$ as a decimal	48% as a decimal	$\frac{24}{50}$ as a decimal
	0.5	$\frac{50}{100}$ as a decimal	50% as a decimal	$\frac{1}{2}$ as a decimal

	0.55	$\frac{55}{100}$ as a decimal	55% as a decimal	$\frac{11}{20}$ as a decimal
	0.6	$\frac{60}{100}$ as a decimal	60% as a decimal	$\frac{6}{10}$ as a decimal
	0.65	$\frac{65}{100}$ as a decimal	65% as a decimal	$\frac{13}{20}$ as a decimal
	0.7	$\frac{70}{100}$ as a decimal	70% as a decimal	$\frac{7}{10}$ as a decimal
	0.75	$\frac{75}{100}$ as a decimal	75% as a decimal	$\frac{3}{4}$ as a decimal
	0.8	$\frac{80}{100}$ as a decimal	80% as a decimal	$\frac{8}{10}$ as a decimal
	0.85	$\frac{85}{100}$ as a decimal	85% as a decimal	$\frac{17}{20}$ as a decimal
	0.9	$\frac{90}{100}$ as a decimal	90% as a decimal	$\frac{9}{10}$ as a decimal
	0.99	$\frac{99}{100}$ as a decimal	99% as a decimal	1 – 0.01
	1.0	$\frac{100}{100}$ as a decimal	100% as a decimal	$\frac{10}{10}$ as a decimal
	$\frac{1}{10}$	$\frac{10}{100}$ as a simplified fraction	0.1 as a simplified fraction	10% as a simplified fraction
	$\frac{2}{10}$	$\frac{20}{100}$ as a simplified fraction	0.2 as a simplified fraction	20% as a simplified fraction

	$\frac{5}{10}$	$\frac{50}{100}$ as a simplified	0.5 as a simplified fraction	$\frac{1}{2}$ with a denominator of 10
	$\frac{6}{10}$	$\frac{60}{100}$ as a simplified	0.6 as a simplified fraction	60% as a simplified fraction
	$\frac{8}{10}$	$\frac{80}{100}$ as a simplified	0.8 as a simplified fraction	80% as a simplified fraction
	$\frac{1}{4}$	$\frac{25}{100}$ as a simplified fraction	0.25 as a simplified fraction	25% as a simplified fraction
	$\frac{3}{4}$	$\frac{75}{100}$ as a simplified fraction	0.75 as a simplified fraction	75% as a simplified fraction
	$\frac{10}{100}$	10% as a fraction of 100	0.1 as a fraction of 100	$\frac{1}{10}$ as a fraction of 100
	$\frac{25}{100}$	25% as a fraction of 100	0.25 as a fraction of 100	$\frac{1}{4}$ as a fraction of 100
	$\frac{30}{100}$	30% as a fraction of 100	0.3 as a fraction of 100	$\frac{3}{10}$ as a fraction of 100
	$\frac{35}{100}$	35% as a fraction of 100	0.35 as a fraction of 100	$\frac{7}{20}$ as a fraction of 100
	$\frac{40}{100}$	40% as a fraction of 100	0.4 as a fraction of 100	$\frac{4}{10}$ as a fraction of 100
	$\frac{50}{100}$	50% as a fraction of 100	0.5 as a fraction of 100	$\frac{1}{2}$ as a fraction of 100

	$\frac{65}{100}$	60% as a fraction of 100	0.6 as a fraction of 100	$\frac{13}{20}$ as a fraction of 100
	$\frac{70}{100}$	70% as a fraction of 100	0.7 as a fraction of 100	$\frac{7}{10}$ as a fraction of 100
	$\frac{75}{100}$	75% as a fraction of 100	0.75 as a fraction of 100	$\frac{3}{4}$ as a fraction of 100
	$\frac{85}{100}$	85% as a fraction of 100	0.85 as a fraction of 100	$\frac{17}{20}$ as a fraction of 100
	$\frac{90}{100}$	90% as a fraction of 100	0.9 as a fraction of 100	$\frac{9}{10}$ as a fraction of 100