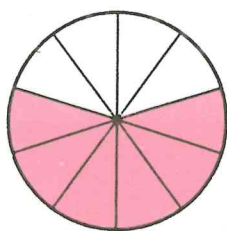


Dividing tenths



To find $0.6 \div 2$ we have to share 6 tenths between 2.

$$\begin{array}{r} 2 \overline{)0.6} \end{array}$$

6 tenths shared equally between 2 gives 3 tenths each because $2 \times 0.3 = 0.6$

$$\begin{array}{r} 0.3 \\ 2 \overline{)0.6} \end{array}$$

1 (a) $\begin{array}{r} 2 \overline{)0.4} \end{array}$

(b) $\begin{array}{r} 2 \overline{)0.8} \end{array}$

(c) $\begin{array}{r} 3 \overline{)0.6} \end{array}$

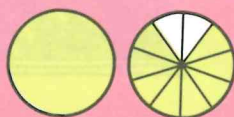
(d) $\begin{array}{r} 4 \overline{)0.8} \end{array}$

(e) $\begin{array}{r} 3 \overline{)0.9} \end{array}$

To find $4.6 \div 2$, share the units, then share the tenths.

$$\begin{array}{r} 2.3 \\ 2 \overline{)4.6} \end{array}$$

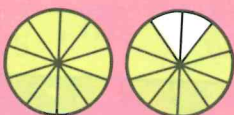
2 Now do these: (a) $6.9 \div 3$ (b) $8.2 \div 2$ (c) $4.8 \div 4$ (d) $3.6 \div 3$



We can find $1.8 \div 3$ like this:

Share the units. There are not enough. Exchange for tenths.

$$\begin{array}{r} 3 \overline{)1.8} \end{array}$$



Share the tenths. 18 shared equally among 3 gives 6 each.

$$\begin{array}{r} 0.6 \\ 3 \overline{)1.8} \end{array}$$

3 (a) $\begin{array}{r} 2 \overline{)1.0} \end{array}$ (b) $\begin{array}{r} 3 \overline{)1.5} \end{array}$ (c) $\begin{array}{r} 4 \overline{)2.4} \end{array}$ (d) $\begin{array}{r} 9 \overline{)1.8} \end{array}$ (e) $\begin{array}{r} 7 \overline{)3.5} \end{array}$ (f) $\begin{array}{r} 8 \overline{)3.2} \end{array}$ (g) $\begin{array}{r} 5 \overline{)4.0} \end{array}$

4 (a) $\begin{array}{r} 6 \overline{)3.6} \end{array}$ (b) $\begin{array}{r} 7 \overline{)6.3} \end{array}$ (c) $\begin{array}{r} 9 \overline{)5.4} \end{array}$ (d) $\begin{array}{r} 8 \overline{)6.4} \end{array}$ (e) $\begin{array}{r} 8 \overline{)5.6} \end{array}$ (f) $\begin{array}{r} 7 \overline{)4.9} \end{array}$ (g) $\begin{array}{r} 9 \overline{)8.1} \end{array}$

We can find $7.2 \div 4$ like this:

Share the units. 7 shared equally among 4 gives 1 each. This leaves 3. Exchange for tenths.

$$\begin{array}{r} 1 \\ 4 \overline{)7.2} \end{array}$$

Share the tenths. 32 shared equally among 4 gives 8 each.

$$\begin{array}{r} 1.8 \\ 4 \overline{)7.2} \end{array}$$

5 (a) $\begin{array}{r} 2 \overline{)7.2} \end{array}$ (b) $\begin{array}{r} 3 \overline{)4.8} \end{array}$ (c) $\begin{array}{r} 5 \overline{)7.5} \end{array}$ (d) $\begin{array}{r} 7 \overline{)9.1} \end{array}$ (e) $\begin{array}{r} 4 \overline{)9.6} \end{array}$ (f) $\begin{array}{r} 6 \overline{)8.4} \end{array}$ (g) $\begin{array}{r} 8 \overline{)9.6} \end{array}$

6 (a) $\begin{array}{r} 9 \overline{)10.8} \end{array}$ (b) $\begin{array}{r} 7 \overline{)11.9} \end{array}$ (c) $\begin{array}{r} 5 \overline{)12.5} \end{array}$ (d) $\begin{array}{r} 3 \overline{)17.1} \end{array}$ (e) $\begin{array}{r} 4 \overline{)13.6} \end{array}$ (f) $\begin{array}{r} 6 \overline{)20.4} \end{array}$ (g) $\begin{array}{r} 8 \overline{)62.4} \end{array}$

7 Which gives the larger answer (a) $48.3 \div 7$ or (b) $54.4 \div 8$?