

# Dividing by 10, 100 and 1000

To divide whole numbers by 10, 100 and 1000.



Cut out the triangles and match the question to the correct answer. You may wish to use a place value chart to help you.

0001 ÷ 000 £4  
43 000 ÷ 1000

2090 ÷ 10

6700 ÷ 100

43

230 ÷ 10

830

1900 ÷ 100

98

1270 ÷ 10

67

403

3700 ÷ 100

209

001 ÷ 100

4030 ÷ 10

190 000 ÷ 1000

83 000 ÷ 100

01 ÷ 086

190

37

127

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The triangles contain the following content:

- Triangle 1 (top-left):  $3\ 382\ 000 \div 1000$  (left side),  $191$  (top side)
- Triangle 2 (top-middle-left):  $29\ 000 \div 100$  (left side),  $4830 \div 10$  (right side),  $987$  (bottom side)
- Triangle 3 (top-middle-right):  $9020 \div 10$  (left side),  $902$  (right side),  $19\ 100 \div 100$  (bottom side)
- Triangle 4 (top-right):  $98\ 700 \div 100$  (left side),  $183$  (right side),  $3382$  (bottom side)
- Triangle 5 (top-far-right):  $0001 \div 000\ 66$  (top side),  $294\ 000 \div 100$  (left side),  $38$  (right side)
- Triangle 6 (middle-left):  $183\ 000 \div 1000$  (left side),  $483$  (right side),  $390 \div 10$  (bottom side)
- Triangle 7 (middle-middle-left):  $46\ 000 \div 1000$  (left side),  $300$  (right side),  $3800 \div 100$  (bottom side)
- Triangle 8 (middle-middle-right):  $50\ 220 \div 10$  (top side),  $290$  (left side),  $19\ 100 \div 100$  (bottom side)
- Triangle 9 (middle-right):  $2810 \div 10$  (left side),  $5022$  (right side),  $39$  (bottom side)
- Triangle 10 (middle-far-right):  $30\ 000 \div 100$  (top side),  $68\ 920 \div 10$  (left side),  $3382$  (bottom side)
- Triangle 11 (bottom-left):  $300$  (left side),  $46$  (right side),  $287$  (bottom side)
- Triangle 12 (bottom-right):  $287$  (left side),  $99$  (right side),  $99$  (bottom side)

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The image shows a grid of 12 triangles arranged in two rows of six. Each triangle contains a math problem or an answer. The triangles are designed to be cut out and matched.

Triangle	Problem	Answer
1 (Top Left)	$223\ 900$	$38\ 000 \div 1000$
2 (Top Left)	$30012$	$20\ 000 \div 1000$
3 (Top Left)	$38\ 000 \div 10$	$200\ 000 \div 1000$
4 (Top Left)	$239\ 000 \div 100$	$7\ 038\ 000 \div 1000$
5 (Top Left)	$290\ 900 \div 100$	$402\ 000 \div 100$
6 (Top Left)	$0001 \div 000\ 627$	$2390$
7 (Top Middle)	$239\ 000 \div 1000$	$8802 \times 10$
8 (Top Middle)	$9900 \div 100$	$7038$
9 (Top Middle)	$38$	$6062$
10 (Top Middle)	$000\ 163$	$391 \times 1000$
11 (Top Middle)	$482\ 100 \div 10$	$802$
12 (Top Middle)	$80\ 200 \div 100$	$300\ 120 \div 10$
13 (Top Right)	$88\ 020$	$200$
14 (Top Right)	$99$	$200\ 000 \div 100$
15 (Top Right)	$2239 \times 100$	$239$
16 (Top Right)	$2\ 000\ 000 \div 100$	$3800$
17 (Bottom Left)	$38\ 000 \div 1000$	
18 (Bottom Left)	$20\ 000 \div 1000$	
19 (Bottom Left)	$200\ 000 \div 1000$	
20 (Bottom Left)	$7\ 038\ 000 \div 1000$	
21 (Bottom Left)	$402\ 000 \div 100$	
22 (Bottom Left)	$2390$	
23 (Bottom Left)	$8802 \times 10$	
24 (Bottom Left)	$7038$	
25 (Bottom Left)	$391 \times 1000$	
26 (Bottom Left)	$802$	
27 (Bottom Left)	$300\ 120 \div 10$	
28 (Bottom Left)	$200$	
29 (Bottom Left)	$200\ 000 \div 100$	
30 (Bottom Left)	$239$	
31 (Bottom Left)	$3800$	

# Dividing by 10, 100 and 1000 Answers

1 Star	2 Star	3 Star
$980 \div 10 = 98$	$98\ 700 \div 100 = 987$	$290\ 900 \div 100 = 2909$
$3700 \div 100 = 37$	$390 \div 10 = 39$	$482\ 100 \div 10 = 48\ 210$
$6700 \div 100 = 67$	$2810 \div 10 = 281$	$9900 \div 100 = 99$
$1270 \div 10 = 127$	$99\ 000 \div 1000 = 99$	$38\ 000 \div 1000 = 38$
$190\ 000 \div 1000 = 190$	$3800 \div 100 = 38$	$2\ 000\ 000 \div 100 = 20\ 000$
$83\ 000 \div 100 = 830$	$29\ 000 \div 100 = 290$	$239\ 000 \div 1000 = 239$
$230 \div 10 = 23$	$183\ 000 \div 1000 = 183$	$38\ 000 \div 10 = 3800$
$4030 \div 10 = 403$	$4830 \div 10 = 483$	$7\ 038\ 000 \div 1000 = 7038$
$1900 \div 100 = 19$	$9020 \div 10 = 902$	$402\ 000 \div 100 = 4020$
$43\ 000 \div 1000 = 43$	$19\ 100 \div 100 = 191$	$300\ 120 \div 10 = 300\ 12$
$2090 \div 10 = 209$	$3\ 382\ 000 \div 1000 = 3382$	$80\ 200 \div 100 = 802$
	$294\ 000 \div 100 = 2940$	$200\ 000 \div 1000 = 200$
	$50\ 220 \div 10 = 5022$	$239\ 000 \div 100 = 2390$
	$30\ 000 \div 100 = 300$	$391 \times 1000 = 391\ 000$
	$46\ 000 \div 1000 = 46$	$8802 \times 10 = 88\ 020$
	$68\ 920 \div 10 = 6892$	$2239 \times 100 = 223\ 900$