

Division $TO \div O$ using partitioning



Use partitioning to calculate $TO \div O$

Challenge 1

In each set of balloons, find the multiples of the number on the label.

a 60 210 480 300 120 320 70 240 540 250

b 90 720 630 200 410 540 440 160 270 180 360

c 80 240 120 640 60 560 400 320 600 80 420

d 70 630 100 150 180 280 350 200 490 210 420

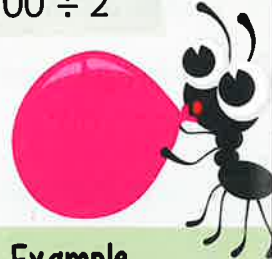
Challenge 2

1 a $66 \div 6$	b $660 \div 6$	2 a $40 \div 8$	b $400 \div 8$
3 a $18 \div 2$	b $180 \div 2$	4 a $32 \div 4$	b $320 \div 4$
5 a $32 \div 8$	b $320 \div 8$	6 a $24 \div 6$	b $240 \div 6$
7 a $27 \div 3$	b $270 \div 3$	8 a $35 \div 7$	b $350 \div 7$
9 a $54 \div 9$	b $540 \div 9$	10a $20 \div 2$	b $200 \div 2$

Challenge 3

Partition each of these numbers to help you find the answer to the division calculations.

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|----------------------|----------------------|----------------------|
| a $76 \div 4$ | b $96 \div 6$ | c $92 \div 4$ |
| d $84 \div 6$ | e $96 \div 2$ | f $91 \div 7$ |



Example
 $81 \div 3 = (60 + 21) \div 3$
 $= 20 + 7$
 $= 27$