

SATs Revision grids

Common Factors

List the common factors of each pair of numbers and circle the highest one.

36 and 18 _____ 

20 and 30 _____ 

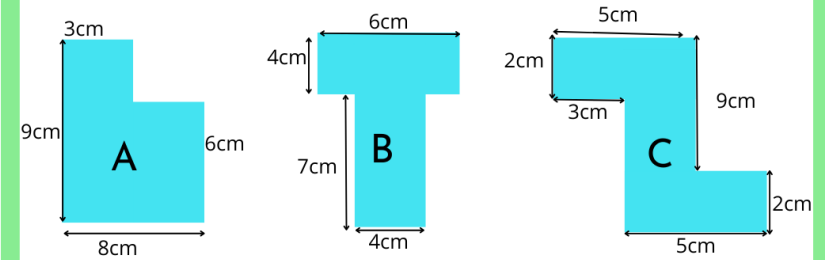
32 and 88 _____ 

24 and 72 _____ 


$$15\% \text{ of } 65 = 100 - \boxed{}$$


$$9000 + \boxed{} = 1000000$$

Calculating area and perimeter



NOT TO SCALE


Which 2 shapes have the same perimeter? _____ 


Which shape has an area with a smaller value than its perimeter? _____ 

Ratio word problems

The ratio of horses to cows on a farm is 1:6



How many cows are there if there are 7 horses? _____  cows

How many horses are there if there are 35 cows and horses altogether? _____  horses

How many horses and cows are there altogether if there are 66 cows? _____  horses and cows

$$2 \frac{3}{5} + 1 \frac{1}{2} =$$

$$\frac{3}{7} \div 3 =$$

Algebra: 2 variables

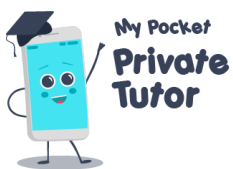
Using the equations, fill in the missing values in the tables below

$$4x + 8 = y$$

Value of x	Value of y
3	
	28
12	
	72

$$40 - 3x = y$$


Value of x	Value of y
3	
	19
9	
	-5



SATs Revision grids

Common Factors

List the common factors of each pair of numbers and circle the highest one.

36 and 18 1, 2, 3, 6, 9, 18 

20 and 30 1, 2, 4, 5, 10 

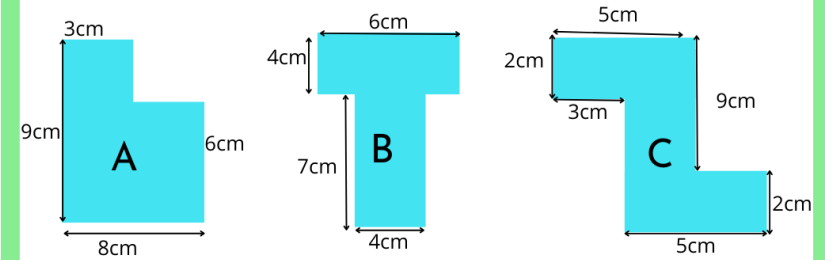
32 and 88 1, 2, 4, 8 

24 and 72 1, 2, 3, 4, 6, 8, 12, 24 


$$15\% \text{ of } 65 = 100 - \boxed{90.25}$$


$$9000 + \boxed{991000} = 1000000$$

Calculating area and perimeter



NOT TO SCALE


Which 2 shapes have the same perimeter? A B 


Which shape has an area with a smaller value than its perimeter? C 

Ratio word problems

The ratio of horses to cows on a farm is 1:6



How many cows are there if there are 7 horses? 42 cows 

How many horses are there if there are 35 cows and horses altogether? 5 horses 

How many horses and cows are there altogether if there are 66 cows? 77 horses and cows 

$$2 \frac{3}{5} + 1 \frac{1}{2} = 3 \frac{9}{10}$$

$$\frac{3}{7} \div 3 = \frac{1}{7}$$

Algebra: 2 variables

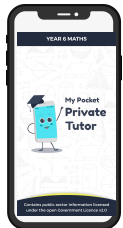
Using the equations, fill in the missing values in the tables below

$$4x + 8 = y$$

Value of x	Value of y
3	20
5	28
12	56
16	72

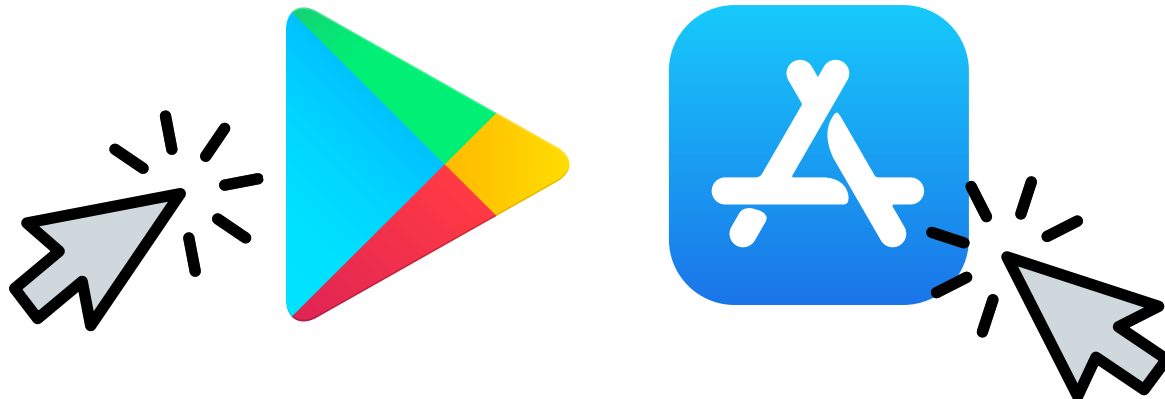
$$40 - 3x = y$$

Value of x	Value of y
3	31
7	19
9	13
15	-5



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