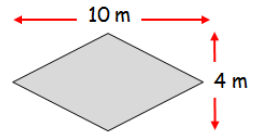




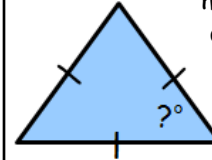
1 Calculate the area of this rhombus...



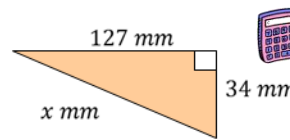
7 Simplify the following expression...

$$4x^2 - 8x - x^2 + 9x$$

6 Calculate the missing angle...

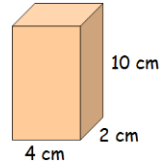


5 Calculate the length of the missing side...



4 Hannah scored 78 out of 110 in her National 5 maths exam. Calculate her percentage, rounding your answer to the nearest percent.

3 Calculate the surface area of this cuboid...



12 Write 0.02 as a fraction and a decimal.

11 Change 47 grams into kilograms

10 Calculate 15% of £48

9 Exchange Rate:- £1 = \$1.29
Change \$322.50 into pounds

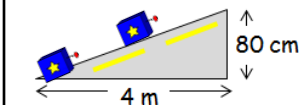
18 4 bananas cost £3.16. How much do 5 bananas cost?

17 Increase 24 grams by 10%

16 Onions are sold in packs of 3. How many packs can be made from 359 onions?

15 If $p = 2$ and $q = -1$ calculate :-
 $3pq - 6$

24 Calculate the gradient of the following assembly line...



23 A milk float travelled for 2 miles in 24 mins. What was its average speed?

22 A band share royalties from a hit record. The money was shared between Paul : John : George : Ringo in the ratio of 4 : 5 : 2 : 1. If John received £12 000, how much did George earn?

21 Calculate the breadth of this cuboid... 6 cm
5 cm Volume 60 cm³ ? cm

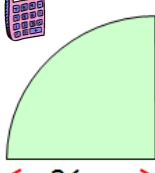
25 A vase contained exactly 2 litres of water. On a sunny day, 0.628 litres of water evaporated. How much water was left in the vase?

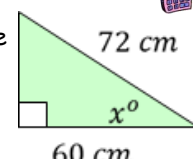
30 The mean shoe size of three pupils is size 4. Two of the pupils are sizes 2 and 3. What is the shoe size of the third pupil?

29 Calculate $\frac{7}{9}$ of 3402

28 Write a rule and complete the table...

R	1	2	3	4	24	
B	4	7				97

27 Calculate the area of this shape...


31 Calculate the size of the missing angle...


30 The mean shoe size of three pupils is size 4. Two of the pupils are sizes 2 and 3. What is the shoe size of the third pupil?

