

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right) \quad y = mx + b$$

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Multiplying and Dividing By Powers of 10 Check Up Student Worksheet

 All questions are non-calculator. Needed for SATS & GCSE. Out of 10.

Question 1

a. $5400 \div 100 =$

ANS:

(1)

b. $64 \times 1000 =$

ANS:

(1)

c. $5.7 \div 1000 =$

ANS:

(1)

d. $0.073 \times 1000 =$

ANS:

(1)

Question 2

A box contains 1000 biscuits each weighing 32.47g. How much does it weigh in total?

ANS:

(1)

Question 3

Stephanie has 6.7 litres of coke which she shares equally between 100 cups. How much does each cup weigh?

ANS:

(1)

Question 4

A biologist weighs an insect measuring 0.74 grams. How much does a colony of 1000 insects weigh?

ANS:

(2)

Question 5

A young boy donates his yearly pocket money of £360 to charity. It's shared between 1000 poverty-stricken people, who will each gain?

ANS:

(2)

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Multiplying and Dividing By Powers of 10 Answers

1a. 54

b. 64,000

c. 0.0057

d. 73

2. 32,470

3. 0.067

4. 740g

5. £0.36

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