



Maths

December Year 5&6



Tutor In A Box

1
If $a = 4$ and $b = -2$ what is $3a + b$?

2
Write two fractions equivalent to $\frac{3}{10}$

3
What is 0.52×100 ?

4
The height of a triangle is 7cm and the base is 12cm. Find the area of it.

6
Write an expression for 29 less than y .

8
What are the first ten prime numbers?

9
Sprouts come in packs of 20. If 6 people come to dinner and eat 8 each, how many packs do I need?

11
Draw an acute angle and explain what it is.

12
If a country is 7 hours ahead of England, and it's 11.05pm in England, what time is it in the other country?

13
How many minutes are there in $7\frac{1}{2}$ hours?

5
What is the highest common factor of 4 and 12?

14
I have 36 candy canes and I share them between Abi, Bill and Cam in the ratio 1:3:5. How many do they get each?

7
What is $\frac{8}{20}$ written as a decimal?

17
What is a line of symmetry?

10
If I sell 20% of the Christmas trees, and have 40 left, how many did I have to start with?

20
It costs £3.05 to post a parcel and £0.67 to post a letter. I post 3 parcels and 5 letters. How much does it cost?

21
Write an expression for y squared.

22
What is 3,350,384 written out in words?

14
If the length of a square window is 6cm, how many metres of tinsel do I need to go round the outside of 3 windows?

24
A factory makes 4,800 gingerbread men. If packs contain 12 each, how many packs will it need?

16
A turkey needs $3\frac{3}{4}$ hours in the oven. If it's put in at 2:25pm, what time will it be ready?

26
What is 4^3 ?

18
Solve: $3x + 5 = 14$

19
How many days are there between Christmas and New Year?

28
Round 174,268 elves to the nearest hundred thousand.

21
Write an expression for y squared.

29
How many cm are there in 1852mm?

23
What is an obtuse angle?

30
Work out 237×243

25
Find the value of c : $5 + c = 85$

31
Find the value of b : $12b + 8 = 44$

27
Draw a sphere.

