

Quick-fire tricksy maths



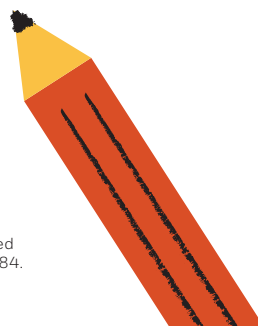
Get ready, get set, go! But don't forget your thinking cap for these quick-fire maths questions.

1. If a cricket ball and bat cost £110, and the bat costs £100 more than the ball, how much does the ball cost?
2. There are 15 apples on the table, and you take 11. How many do you have?
3. A fisherman was asked, "How long was the fish you caught?" He said, "It's 30cm plus one quarter of its length." How long was the fish?
4. It takes 7 women 3 hours to build a wall. How long does it take 3 women to build the same wall?
5. A football squad has jerseys numbered from 10 to 30. Everyone gets a jersey and there are three left over. How many people are in the football squad?
6. Laila is the 11th tallest person in the room and the 9th shortest. How many people are in the room?
7. It takes 12 minutes to saw a log into 4 pieces. Given that each cut takes an equal amount of time, how many minutes would it take to saw the log into 6 pieces instead?
8. A 50-foot ladder has rungs spaced 1 foot apart, starting 1 foot from each end. How many rungs are on the ladder?
9. Jonah starts counting out loud in fives, starting with 130, then 135. What is the 13th number that Jonah says?
10. The length of a rectangle is increased by 50% and the width is decreased by 50%. By what percentage does the area of the rectangle increase or decrease?
11. A whole number is greater than 3 but less than 12. Also, the number is greater than 9 but less than 17. What could the number be?
12. A doctor gives you 5 pills and tells you to take one now, and then one every half hour. How long will it be to take all 5 pills?
13. How much soil is there in a hole measuring 3 by 4 by 5 centimetres?
14. A farmer has 22 cows. Lightning kills all but 5 of the cows. How many are still alive?



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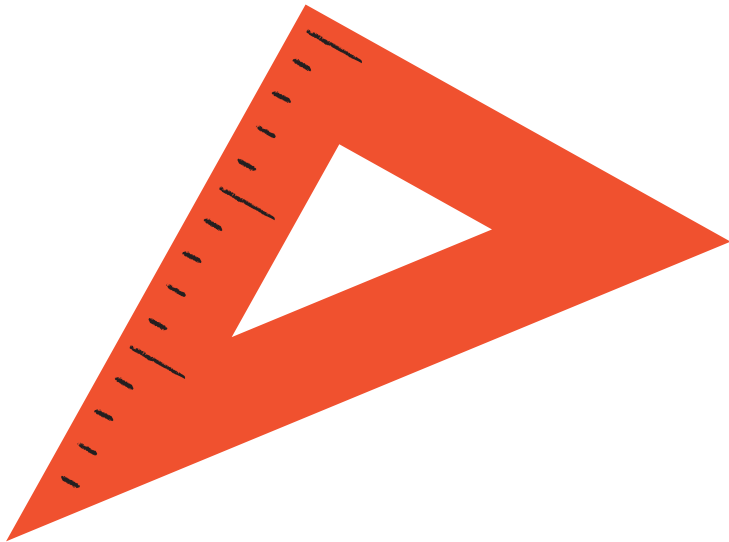


Ages 14-16

The answers



1. £5
2. 11
3. 40cm
4. 7 hours, or alternatively no need, the seven women have already built it!
5. 18
6. 19
7. 20 minutes
8. 49
9. 190
10. New rectangle is 75% the area of the original rectangle, so a 25% decrease
11. 10 or 11
12. 2 hours
13. None!
14. 5



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