

LEARNAROO HUB

KS3 Mathematics - Practice Paper A

Key Stage 3 | Mathematics | 60 minutes | 32 marks

ORIGINAL PRACTICE PAPER

Name	
Date	
Score	/ 32

Instructions

Answer every question. Show working where it helps. If a question asks you to explain, use a complete sentence and include mathematical vocabulary. Check your answers when you finish.

This is an original Learnaroo practice paper. It is not an official exam-board paper and does not reproduce an official paper.

Question paper

1. Calculate $\frac{3}{4}$ of 48. [2]

2. Write 0.375 as a fraction in its simplest form. [2]

3. Solve $5x - 7 = 28$. [2]

4. A rectangle is 8.5 cm long and 3.2 cm wide. Find its area. [2]

5. The angles in a triangle are 47 degrees, 68 degrees and x degrees. Find x . [2]

6. A bag contains 5 red, 3 blue and 2 green counters. Find the probability of choosing a blue counter. [2]

7. Simplify $4a + 3b - a + 2b$. [2]

8. Continue the sequence 6, 11, 16, 21 for three more terms and state the term-to-term rule. [2]

9. A map scale is 1 cm to 4 km. Two towns are 7.5 cm apart on the map. Find the real distance. [2]

10. Find the mean of 6, 8, 8, 11 and 12. [2]

11. Expand $3(2y - 5)$. [2]

12. A jacket costs 64 pounds and is reduced by 25%. Find the sale price. [3]

13. Convert 2.35 metres to centimetres. [1]

14. A right-angled triangle has shorter sides 6 cm and 8 cm. Calculate the hypotenuse. [3]

15. A number rounds to 7.4 to one decimal place. Write the lower and upper bounds. [3]
