

## Printed Quiz | Secondary Schools | KS3 Maths | For Class Use (1)

This printed quiz is for use with secondary school students and is intended for use in class or as homework. The PDF file prints firstly the questions complete with answers and then the questions without answers but with spaces left for answer insertion by the students. The questions are about Maths and are aimed at KS3 students. The Education Quizzes website contains many different [quizzes for schools](#) that can be used by teachers free of charge.

- 1 How many sixths are there in 3 and five-sixths?**  
22
- 2 How many lines of symmetry does an isosceles triangle have?**  
1
- 3 What is  $2.42 \times 5$ ?**  
12.1
- 4 An ordered set of numbers that follow a pattern is called what?**  
A sequence
- 5 Which negative number do you need to times by itself to equal 81?**  
-9
- 6 What is the next number in this sequence: 1, 4, 9, 16?**  
25
- 7 What is data?**  
Information
- 8 What are the first 4 multiples of 7?**  
7, 14, 21, 28
- 9 What is 50 minus -11 + -3?**  
58
- 10 What is 15% of 3,000 light years?**  
450 light years
- 11 What is the back bearing of the bearing 245 degrees?**  
65 degrees
- 12 Adam is 6 feet 4 inches tall, approximately how tall is he in metres and centimetres?**  
1 m 90 cm
- 13 Does a Jumbo jet have a plane of symmetry?**  
Yes

- 14 **How is 75% written as a decimal?**  
0.75
- 15 **If a square has sides that are 13 cm long, what is its area?**  
169 cm squared
- 16 **What is the cube root of 216?**  
6
- 17 **What is the square root of 64 x 144?**  
96
- 18 **How many planes of symmetry does a cube have?**  
9
- 19 **What is 6,691 rounded to 1 significant figure?**  
7,000
- 20 **What is the area of a circle with a radius of 7 cm (to one decimal place)?**  
153.9 cm
- 21 **There are 10 millimetres in a centimetre. How would you write 34.12cm in millimetres?**  
341.2mm
- 22 **To the nearest 100, round 4,483 and 4,999.**  
4,500 and 5,000
- 23 **Sam bought 4 boxes of chocolates at £6.00 each. How much did he spend altogether?**  
£24
- 24 **What is the remainder of 75 divided by 4?**  
3
- 25 **How does a rhombus differ from a parallelogram?**  
All sides are equal in length
- 26 **An equilateral triangle has how many lines of symmetry?**  
3

- 27 **What is 448 rounded to the nearest 100?**  
400
- 28 **What is  $-4 - 17$ ?**  
-21
- 29 **What comes next in this sequent "1.2, 1.25, 1.3, 1.35"?**  
1.4
- 30 **What is a quarter plus a half?**  
Three-quarters
- 31 **To the nearest 100, round 6,691 and 468.**  
6,700 and 500
- 32 **In a percentage pie chart, what angle represents 10% of the data?**  
36 degrees
- 33 **What is  $-7 \times 8$ ?**  
-56
- 34 **How many faces does a square-based pyramid have?**  
5
- 35 **What is  $8 + -3$ ?**  
5
- 36 **To find the result of increasing a number by 66% you multiply it by what?**  
1.66
- 37 **What is 6.04 divided by 4?**  
1.51
- 38 **What is  $-4 \times -4 \times -4$ ?**  
-64

- 39 **What is 17% of £100?**  
£17
- 40 **A Formula One race must exceed 305 kilometres. Approximately how far is this in miles?**  
190 miles
- 41 **What is 9.825 rounded to 2 decimal places?**  
9.83
- 42 **What is defined as "a polygon with three corners or vertices and three sides or edges"?**  
Triangle
- 43 **What is the area of a square that has a length of 15 cm and a width of 16 cm?**  
Not a valid question - this would not be a square!
- 44 **What do you do first to find the median of a set of data?**  
Put data values in order of size
- 45 **What is three-fifths written as a decimal?**  
0.6
- 46 **Mick's test's results for the week are 4.8, 6.6 and 9.4. What is his total?**  
20.8
- 47 **How is 166% written as a decimal?**  
1.66
- 48 **The polygons forming the surface of a polyhedron are called what?**  
Faces
- 49 **The place on the surface of a polygon where several edges meet is called a what?**  
Vertex
- 50 **What is the next prime number after 43?**  
47

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