



# **BOND ASSESSMENT**

## **SAMPLE PAPER**

**10-11 years**

Supplied by Nelson Thornes, publishers of Bond Assessment Papers  
September 2004

# Book 5 Paper

1-3 Multiply each number in the oval by 100 and write the answer in the square.

0.176  
10.2    2.8

\_\_\_\_\_

\_\_\_\_\_

4-5 Divide each number in the rectangle by 10 and write the answer in the circle.

0.104  
2.20

\_\_\_\_\_

\_\_\_\_\_

Write the exact answer to each calculation.

6  $82 \times 5$

7  $273 \div 7$

8  $49 \times 8$

9  $127 \div 5$

10  $4270 \times 8$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Work out the following, using the order of operations. Remember to do any calculations in brackets first each time.

11  $4 \times 6 + 24$

12  $13 \times (7 + 11)$

13  $6 + 43 - 16 \div 4$

14  $4 \div (25 - 9)$

15  $21 - 3 \times 7$

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3

2

5

5

Fill in the missing numbers to make the calculations correct.

16  $10.07 + \underline{\hspace{2cm}} = 101$

17  $0.279 \div 9 = \underline{\hspace{2cm}}$

18  $0.32 \times \underline{\hspace{2cm}} = 6.4$

19  $102.49 - 75.62 = \underline{\hspace{2cm}}$

20  $8.8 \div \underline{\hspace{2cm}} = 2.2$

5

Match the equivalent fractions, decimals and percentages. Write the correct number in the space.

21 15%         

(1)  $\frac{3}{4}$

22  $\frac{2}{6}$          

(2)  $\frac{3}{10}$

23 0.75         

(3) 0.15

24 30%         

(4) 2%

25  $\frac{1}{50}$          

(5) 33%

5

Read the questions carefully each time.

26 There were 325 pies at the banquet. If one dish holds 30 pies, how many dishes do you need to hold all the pies?         

27 A bag holds 47 sweets. How many children can have 4 sweets each?         

28 A bottle of olive oil holds 250 ml. A larger bottle holds two-and-a-half times as much. What is its capacity?         

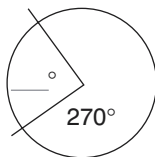
29 Which has the greater mass, 3 kg of onions or 7 lb of feathers?         

30 Bridgetown, Barbados is 4 hours behind GMT. If a plane leaves London at 06:00 GMT, write the local time it lands in Bridgetown if the flight takes 6 hours.         

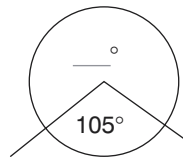
5

Write the missing angles.

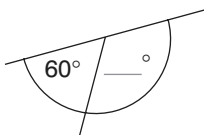
31



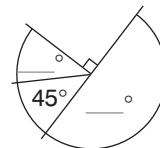
32



33



34-35



5

- 36 Write 238 grams in kilograms.
- 37 Write 27 millilitres in litres.
- 38 Write 4.289 kilometres in metres.
- 39 Write 327 centimetres in kilometres.
- 40 Write 0.04 litres in centilitres.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5

Write the new co-ordinates if each of these points is reflected in the y axis.

- 41 (1,1)
- 42 (2,1)
- 43 (0,3)
- 44 (3,2)
- 45 (1,0)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

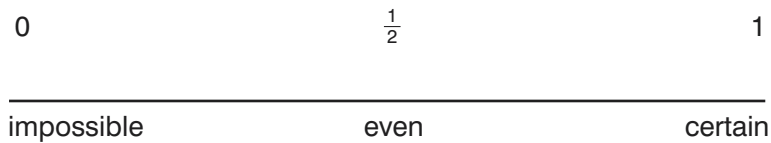
\_\_\_\_\_

\_\_\_\_\_

5

46–50 You flip a fair coin 6 times. Write the letter for each probability in the appropriate place in the scale.

- a) You get 6 heads.
- b) You get at least 1 tail.
- c) You get 3 tails and 4 heads.
- d) Assuming you have already flipped the coin 5 times and got 5 heads, you flip again and get another head.
- e) You get at least 2 heads.



5

# Answers

- 1-3 17.6, 280, 1020  
4-5 0.0104, 0.22  
6 410  
7 39  
8 392  
9 25.4  
10 34160  
11 48  
12 234  
13 45  
14  $\frac{1}{4}$  or 0.25  
15 0  
16 90.93  
17 0.031  
18 20  
19 26.87  
20 4  
21 3  
22 5  
23 1  
24 2  
25 4  
26 11  
27 11  
28 625 ml  
29 7 lb of feathers  
30 08:00  
31 90  
32 255  
33 120  
34-35 45, 180  
36 0.238 kg  
37 0.027 l  
38 4289 m  
39 0.00327 km  
40 4 centilitres  
41 (-1,1)  
42 (-2,1)  
43 (0,3)  
44 (-3,2)  
45 (-1,0)  
46-50 a) answer is close to impossible  
b) answer is close to 1  
c) answer is impossible  
d) answer is evens  
e) answer is between evens and 1