BOND ASSESSMENT

SAMPLE PAPER

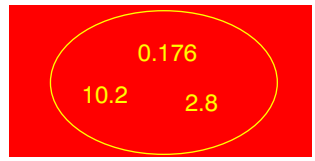
10-11 years

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

nelson thornes

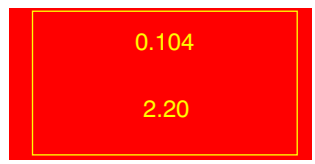
Book 5 Paper

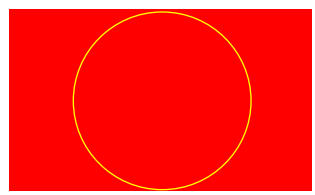
1–3 Multiply each number in the oval by 100 and write the answer in the square.





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





Write the exact answer to each calculation.

6 82×5

7 $273 \div 7$

8 49×8

9 $127 \div 5$

10 4270×8

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 $21 - 3 \times 7$

Fill in the missing numbers to make the calculations correct.

16 $10.07 + _____ = 101$

17 $0.279 \div 9 = _____$

18 $0.32 \times _____ = 6.4$

19 $102.49 - 75.62 = _____$

20 $8.8 \div _____ = 2.2$

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

21 15% _____

22 $\frac{2}{6}$ _____

23 0.75 _____

24 30% _____

25 $\frac{1}{50}$ _____

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

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

(3) 0.15

(4) 2%

(5) 33%

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? _____

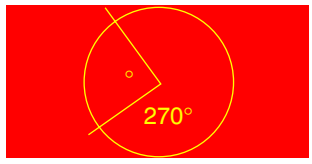
28 A bottle of olive oil holds 250 ml. A larger bottle holds two-and-a-half times as much. What is its capacity? _____

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

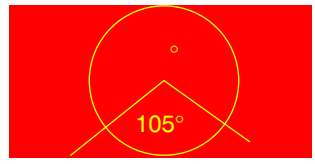
30 Bridgetown, Barbados is 4 hours behind GMT. If a plane leaves London at 06:00 GMT, write the local time it lands in Bridgetown if the flight takes 6 hours. _____

Write the missing angles.

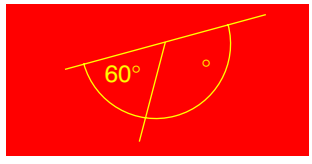
31



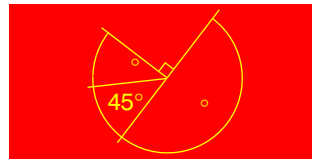
32



33



34–35



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. ____

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) ____

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.

50 TOTAL

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