GCSE FOUNDATION · REVISION MAT 3

Apply four operations

1 Work out 6.3 × 47

2 Work out 1248 ÷ 32

3 Ben says,

"6.5 × 0.2 is bigger than 6.5, because multiplying always makes a number bigger."

Is Ben right? Explain your answer.

4 You are given that 43 × 28 = 1204

Use this fact to write down the value of

(a) 4.3 × 2.8

(b) 120.4 ÷ 0.28

Explain how you got your answer to part (b).

5 Compost is sold in 40 litres bags.
Each bag costs £6.85.



Grace needs 310 litres. Grace has £55.

Does Grace have enough money? Show your working.

6 A shop has 1430 cupcakes.

They are put into boxes of 18.
Each full box sells for £9.60.



The cupcakes left over are sold for 65p each.

All the cupcakes are sold. How much money does the shop take in total?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 3

Apply four operations

1 **296.1**

2 **39**

3 **No**. Multiplying by a number less than 1 makes it smaller.

6.5 × 0.2 = 1.3

4 (a) **12.04**

(b) **430**

120.4 = 1204 ÷ 10 and 0.28 = 28 ÷ 100,
so the answer is 43 × 100 ÷ 10

5 310 ÷ 40 = 7.75, so 8 bags are needed.

8 × £6.85 = £54.80

Yes: £0.20 left.

6 1430 ÷ 18 = 79 r 8

79 × £9.60 = £758.40
8 × 65p = £5.20

Total **£763.60**