



Foundation / Higher Tier

Multiplying Decimals

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided – *there may be more space than you need.*
- You must **show all your working.**
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- If your calculator does not have a π button, take the value of π to be 3.142 unless the question instructs otherwise.

Information

- The marks for **each** question are shown in brackets- *use this as a guide as to how much time to spend on each question.*

Advice

- Read each question carefully before you start to answer it.
 - Keep an eye on the time.
 - Try to answer every question.
 - Check your answers if you have time at the end.
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1. (a) Calculate 4.6×10

.....
(1)

(b) Calculate 3.25×1000

.....
(1)

(c) Calculate 0.78×100

.....
(1)

(d) Calculate 5.09×10000

.....
(1)

(Total for Question 1 is 4 marks)

2. (a) Calculate 4.3×6

.....
(2)

(b) Calculate 7.3×5

.....
(2)

(c) Calculate 2.8×4

.....
(2)

(Total for Question 2 is 6 marks)

3. (a) Calculate 3.2×1.4

.....
(2)

(b) Calculate 5.6×2.3

.....
(2)

(c) Calculate 7.1×0.6

.....
(2)

(d) Calculate 4.8×1.6

.....
(2)

(Total for Question 3 is 8 marks)

4. (a) Calculate 1.24×3

.....
(2)

(b) Calculate 2.35×1.2

.....
(2)

(c) Calculate 0.75×0.6

.....
(2)

(d) Calculate 4.12×2.4

.....
(2)

(Total for Question 4 is 8 marks)

5. (a) Calculate 12.4×3.5

(b) Calculate 23.6×4.2

(c) Calculate 15.08×2.3

(d) Calculate 34.7×1.6

.....
(2)

.....
(2)

.....
(2)

.....
(2)

(Total for Question 5 is 8 marks)

6. (a) A pen costs £1.75. How much do 6 pens cost?

.....
(2)

(b) A bottle contains 0.75 litres of juice. How much juice is in 8 bottles?

.....
(2)

(c) A runner runs 2.4 km each day. How far do they run in 7 days?

.....
(2)

(d) A pack of stickers weighs 0.35 kg. What is the total weight of 9 packs?

.....
(2)

(Total for Question 6 is 8 marks)
