

MULTIPLYING DECIMALS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1.

$$0.3 \times 0.2$$

$$\boxed{0.06}$$

3.

$$2.7 \times 0.3$$

$$\boxed{0.81}$$

5.

$$1.25 \times 0.8$$

$$\boxed{1.0}$$

7.

$$0.125 \times 0.4$$

$$\boxed{0.05}$$

9.

$$0.75 \times 0.6$$

$$\boxed{0.45}$$

11.

$$0.04 \times 0.03$$

$$\boxed{0.0012}$$

13.

$$0.15 \times 0.12$$

$$\boxed{0.018}$$

2.

$$1.5 \times 0.4$$

$$\boxed{0.6}$$

4.

$$0.08 \times 0.5$$

$$\boxed{0.04}$$

6.

$$3.6 \times 0.25$$

$$\boxed{0.9}$$

8.

$$2.4 \times 1.5$$

$$\boxed{3.6}$$

10.

$$1.8 \times 2.5$$

$$\boxed{4.5}$$

12.

$$3.2 \times 1.25$$

$$\boxed{4.0}$$

14.

$$2.75 \times 1.6$$

$$\boxed{4.4}$$

15.

$$0.375 \times 0.8$$

| 0.3

17.

$$0.0625 \times 1.6$$

| 0.1

19.

$$0.875 \times 0.24$$

| 0.21

21.

$$0.009 \times 0.007$$

| 0.000063

23.

$$0.333 \times 0.666$$

| 0.221778

25.

$$0.625 \times 0.888$$

| 0.555

27.

$$0.1875 \times 0.64$$

| 0.12

29.

$$0.4375 \times 0.96$$

| 0.42

16.

$$4.8 \times 2.25$$

| 10.8

18.

$$3.14 \times 2.5$$

| 7.85

20.

$$5.6 \times 3.75$$

| 21.0

22.

$$7.25 \times 4.8$$

| 34.8

24.

$$8.4 \times 5.125$$

| 43.05

26.

$$9.75 \times 6.4$$

| 62.4

28.

$$12.8 \times 7.875$$

| 100.8

30.

$$15.6 \times 9.625$$

| 150.15

MASTER QUESTIONS



M1.

A rectangular garden measures 3.75 metres by 2.4 metres. What is its area in square metres?

| 9.0 square metres

M2.

If petrol costs £1.45 per litre and a car uses 8.75 litres on a journey, what is the total cost?

| £12.69

M3.

A recipe requires 0.375 kilograms of flour per batch. How much flour is needed for 4.5 batches?

| 1.6875 kilograms

M4.

A runner completes 2.75 laps of a 0.4 kilometre track. What distance has she run?

| 1.1 kilometres

M5.

A shop sells ribbon at £0.85 per metre. How much would 3.6 metres cost?

| £3.06

M6.

A rectangular room measures 4.25 metres by 3.6 metres. What is the floor area?

| 15.3 square metres

M7.

If a car travels at 62.5 miles per hour for 1.75 hours, how far has it travelled?

| 109.375 miles

M8.

A box weighs 0.625 kilograms. How much would 8.4 boxes weigh?

| 5.25 kilograms

M9.

A piece of wood is 2.4 metres long. If it is cut into 0.15 metre pieces, how many pieces are there?

16 pieces

M10.

A recipe calls for 0.125 litres of milk per serving. How much milk is needed for 12.5 servings?

1.5625 litres