

Test 15

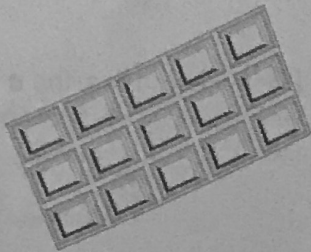
You have 10 minutes to complete this test.

You have 10 questions to complete within the given time.



Circle the letter next to the correct answer.

- 1 A chocolate bar is made from 15 identical small pieces. Amy eats $\frac{1}{3}$ of the chocolate bar. The rest of it is equally shared between her 2 brothers. How many pieces does each of her brothers receive?



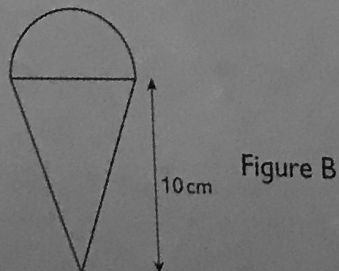
A	B	C	D	E
12	10	5	15	3

- 2 Sarah has twice as many 20 pence coins as 5 pence coins.

Which of the following could be the total value of Sarah's coins?

A	B	C	D	E
80p	60p	25p	90p	£1

- 3 Figure B consists of a semicircle and a triangle. The diameter of the semicircle is 5 cm.



What is the area of the triangle?

A	B	C	D	E
25 cm^2	100 cm^2	50 cm^2	20 cm^2	10 cm^2

- 4 Elaine attends a four-day training course that costs £115 in total. What is the average cost per day?

A	B	C	D	E
£21.75	£32.45	£12.25	£28.75	£30.75

- 5 This formula calculates the amount of fertiliser that should be added to a plant in millilitres.

$$(\text{Age of the plant in months} \div 2 + 15) \text{ ml}$$

Mr Richard's plant is 2 years old. How much fertiliser should he add to it?

A	B	C	D	E
42 ml	14 ml	48 ml	24 ml	27 ml

- 6 2 out of every 9 children at a school can swim. The school's target is for 4 out of every 5 children to be able to swim.

If there are 270 children in the school, how many more children need to learn to swim for the school to hit its target?

A	B	C	D	E
60	120	216	156	232

- 7 This table shows the postage prices at Lucy's post office.

		First Class	Second Class
Format	Weight	Stamp	Stamp
Letter	0-100 g	63p	54p
Large Letter	0-100 g	95p	74p
	101-250 g	£1.26	£1.19
	251-500 g	£1.68	£1.51
	501-750 g	£2.42	£2.05

Lucy wishes to post a large letter weighing 325 g.

How much more would she need to pay for first-class postage than for second-class postage?

A	B	C	D	E
16p	8p	17p	14p	15p

Questions continue on next page

8 Figure D is a poster that shows how to convert different measures of volume.

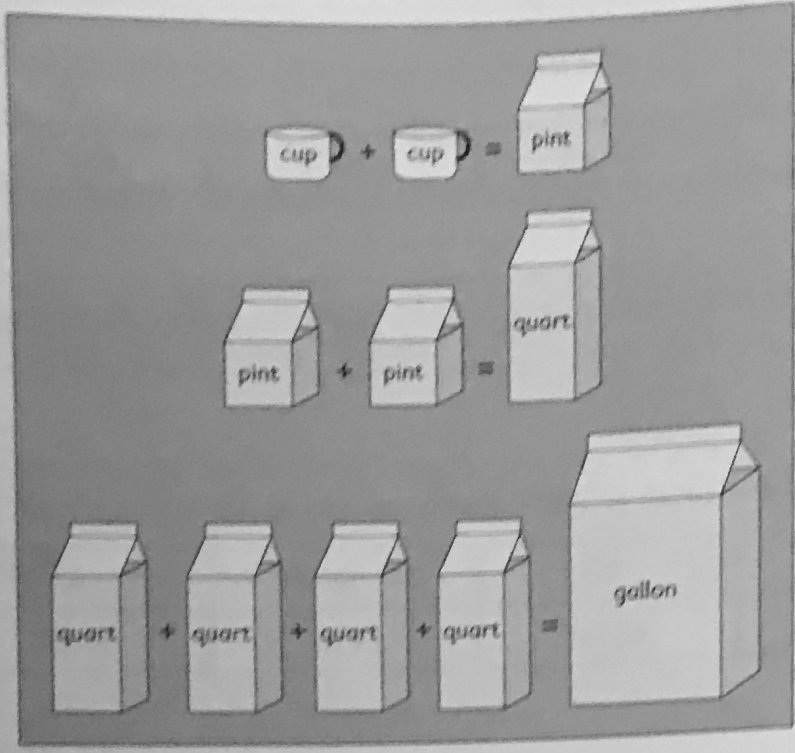


Figure D

How many cups are there in 1 gallon?

A	B	C	D	E
16	12	10	14	15

9 What is the ratio of vowels to consonants in the word STRANGER?

A	B	C	D	E
3:1	4:1	2:9	1:3	1:4

10 If $y = 3$, what is the value of $5y - 17$?

A	B	C	D	E
2	22	-2	-5	-3