

Test 3

You have 20 minutes to complete this test.

You have 20 questions to complete within the given time.



Circle the letter above or alongside the correct answer.

① $8272.6 \div 100 =$

A	B	C	D	E
82.726	8.2726	827.26	8272.6	82726

- ② There are 750 apples in a cart.
 $\frac{1}{3}$ of the apples are sold and half of the remainder are thrown away.

How many apples are left in the cart?

A	B	C	D	E
750	250	300	500	150

- ③ A recycling machine processes 671 plastic cups per day.
 How many plastic cups does the recycling machine process in August?

A	B	C	D	E
20 130	20 801	20 108	28 011	20 811

- ④ Which number comes next in this sequence?

15 16 20 29 45 ?

A	B	C	D	E
47	61	70	57	75

- 5 Last year, a calf weighed 231 kg.
This year, the calf weighs 10% more.

How much does the calf weigh this year?

A	B	C	D	E
254.1 kg	23.1 kg	207.9 kg	231 kg	241 kg

- 6 The average winter temperature in Blokov is -14°C .
The average spring temperature in Blokov is 9.5°C higher than the average winter temperature.
What is the average spring temperature in Blokov?

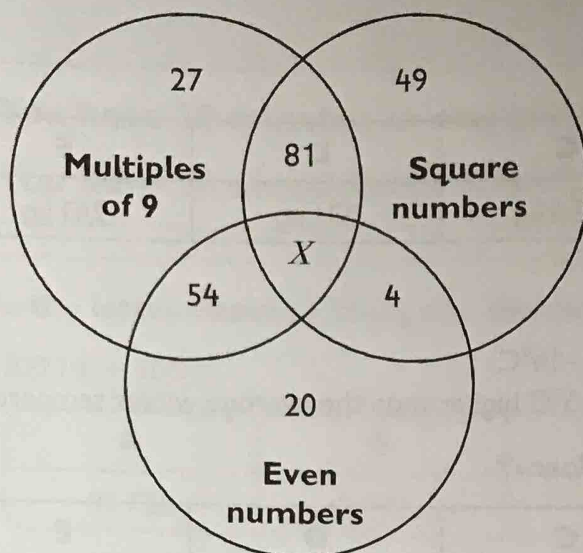
A	B	C	D	E
4.5°C	23.5°C	-23.5°C	-18°C	-4.5°C

- 7 Put these fractions in order of size, starting with the smallest.

$$\frac{1}{4} \quad \frac{1}{8} \quad \frac{3}{4} \quad \frac{5}{8} \quad \frac{3}{9} \quad \frac{8}{10}$$

A	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{5}{8}$ $\frac{3}{9}$ $\frac{3}{4}$ $\frac{8}{10}$
B	$\frac{1}{4}$ $\frac{1}{8}$ $\frac{3}{9}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{8}{10}$
C	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{9}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{8}{10}$
D	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{9}$ $\frac{3}{4}$ $\frac{5}{8}$ $\frac{8}{10}$
E	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{3}{9}$ $\frac{8}{10}$

- 8 Look at this diagram.



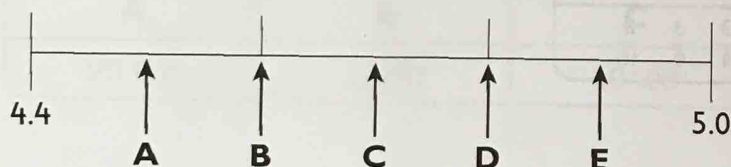
Which of the following could be the value of X ?

A	B	C	D	E
18	36	25	64	63

- 9 $7.622 + 13.329 =$

A	B	C	D	E
20.951	20.519	20.591	20.195	20.159

- 10 Which arrow is pointing to 4.7?



A	B	C	D	E
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- 11 The coordinates of Point B are $(5, -8)$.
Point C is a reflection of Point B in the x -axis.

What are the coordinates of Point C?

A	B	C	D	E
$(5, -8)$	$(-5, -8)$	$(5, 8)$	$(-8, 5)$	$(8, -5)$

- ⑫ Which number should go in the box?

$$756 \times 321 = 242\,676$$

$$75.6 \times 321 = \boxed{}$$

A	B	C	D	E
242 676	242.676	2426.76	24 267.6	24.2676

- ⑬ A bus can transport 52 passengers.

How many buses are needed to transport 421 passengers?

A	B	C	D	E
7	8	9	10	11

- ⑭ $48 \times 7 + 4 = 223 + X$

What is the value of X ?

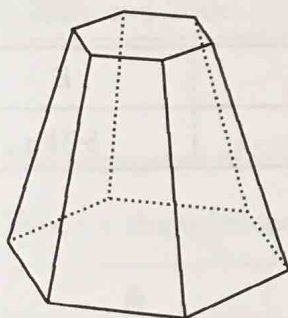
A	B	C	D	E
48	305	248	117	171

- ⑮ Cube A has a volume of 64 cm^3 .

What is the area of one face of Cube A?

A	B	C	D	E
64 cm^2	36 cm^2	6 cm^2	4 cm^2	16 cm^2

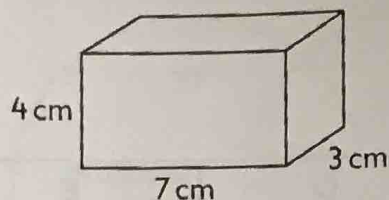
- ⑯ How many more edges than faces does this shape have?



A	B	C	D	E
8	24	18	10	6

Questions continue on the next page

- 17 This is a diagram of Cuboid A.



The length of Cuboid B is twice the length of Cuboid A.
The width of Cuboid B is twice the width of Cuboid A.
The height of Cuboid B is three times the height of Cuboid A.

What is the volume of Cuboid B?

A	B	C	D	E
84 cm^3	252 cm^3	672 cm^3	1008 cm^3	504 cm^3

- 18 How many times greater is 247 than 13?

A	B	C	D	E
260	14	17	19	234

- 19 The ratio of peaches, apples and bananas in a box is 7:5:3

If there are 100 apples in the box, how many more peaches are there than bananas?

A	B	C	D	E
70	80	4	140	60

- 20 The mean weight of 5 turnips in a bag was 4.5 kg.
One more turnip was added to the bag and the mean weight of the turnips became 4.6 kg.

What was the weight of the turnip that was added to the bag?

A	B	C	D	E
4.5 kg	5.1 kg	4.6 kg	5.5 kg	5.3 kg