

## CTJan27 Online Year 4 Practice Test 03 – Part 02

42 marks from 42 questions

### Question 1

75 mm is the same as:

a.   $7\frac{1}{2}$  mm

b.   $7\frac{1}{2}$  cm

c.  75 cm

---

### Question 2



This ribbon was cut into 3 equal pieces. Each piece is 25 mm long.

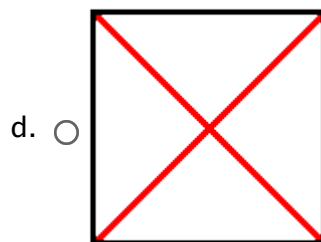
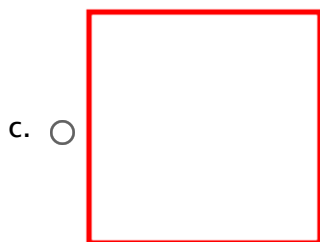
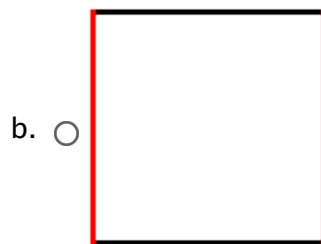
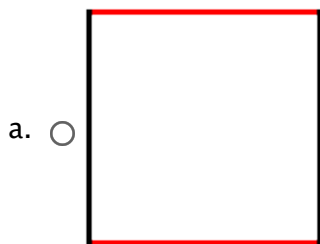
How long was the whole ribbon in millimetres?

mm

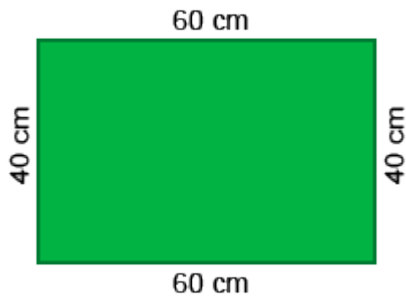
---

### Question 3

Select the shape that has its perimeter shown in red.



Question 4



What is the perimeter of this shape in *metres*?

Perimeter =  m

---

Question 5

0.8 cm =  mm

---

Question 6

7 mm + 6 mm =  cm  mm

---

Question 7

I made this prism from cubes with 1 cm sides.



The volume of the prism is  cm<sup>3</sup>.

---

Question 8

Which of these would have volume more than 1 cm<sup>3</sup>?

- a.  A grain of rice
  - b.  A hen's egg
  - c.  A sultana
  - d.  A postage stamp
-

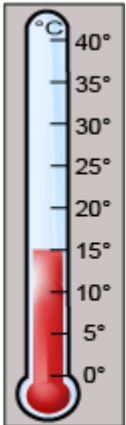
Question 9



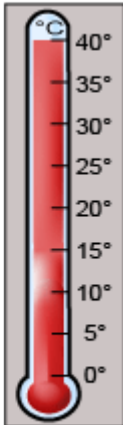
The temperature shown on this thermometer is  °C.

---

Question 10



6 am

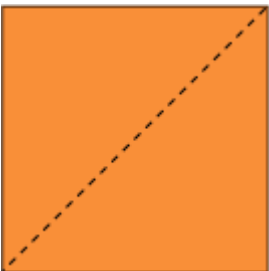


3 pm

From 6 am to 3 pm, the temperature rose  °C.

---

Question 11



This square has an area of 14 cm<sup>2</sup>.

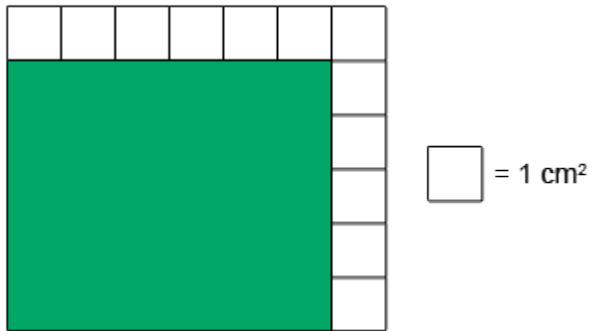
It was *folded* along the dotted line to make a triangle.

What is the area covered by the triangle?

cm<sup>2</sup>

---

Question 12

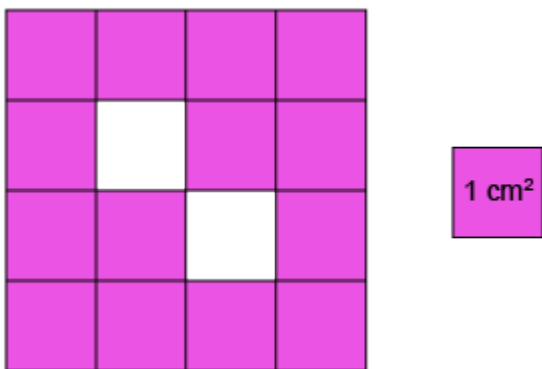


What is the area of the shaded rectangle?

$\text{cm}^2$

---

Question 13



The area of the purple shape is   $\text{cm}^2$ .

---

Question 14



Each rectangle has an area of  $3 \text{ cm}^2$ .

What is the area of the pattern?

Area =   $\text{cm}^2$

---

**Question 15**



The best estimate of the time shown on this clock face is:

- a.  10:57
  - b.  11:57
  - c.  10:59
  - d.  11:59
- 

**Question 16**



Write the time shown as a digital time.

---

**Question 17**

3 hours is equal to:

- a.  30 minutes
  - b.  60 minutes
  - c.  120 minutes
  - d.  180 minutes
-

Question 18

**Train to airport:**

Leaves Smithtown Station 10:40 am

Arrives Airport Station 1:20 pm

How long is the train trip from Smithtown Station to the airport?

hours  minutes

---

Question 19

**Bus Timetable – Route 23 Monday to Friday**

Grey Ln	Park Rd	King St	Bank Rd
7:24	7:32	7:42	7:51
7:54	8:02	8:12	8:21
8:14	8:22	8:32	8:41
8:34	8:42	8:52	9:01

The bus that leaves Park Rd at 8:22 am gets to Bank Rd at  am.

---

Question 20

**Zoo Timetable**

	Saturday	Sunday
9:00 am	Zoo opens	Zoo opens
9:30 am	Koala feeding time	Lion feeding time
10:15 am	Snake talk	Seal show
11:00 am	Bird show	Elephant talk
12:30 pm	Tiger feeding time	Meerkat talk

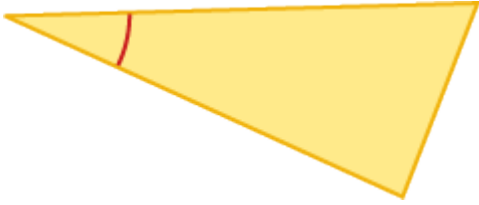
The kangaroos are fed 30 minutes after the koalas.

What time is this?

am

---

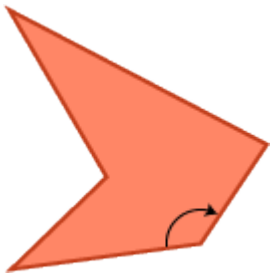
**Question 21**



The angle marked in this triangle is:

- a.  acute
  - b.  right
  - c.  obtuse
- 

**Question 22**



The angle marked in this pentagon is:

- a.  an acute angle
  - b.  a right angle
  - c.  an obtuse angle
- 

**Question 23**



This shape is called:

- a.  a pentagon
  - b.  a hexagon
  - c.  an octagon
-

### Question 24

Select the shape that is *not* a hexagon.

a.



b.



c.



d.



---

### Question 25

True or false?

A shape has four right angles.

It must be a kite.

a.  True

b.  False

---

### Question 26

Which shapes have at least one pair of opposite sides parallel?

(Choose *all* the correct answers.)

a.  A triangle

b.  A rectangle

c.  A parallelogram

d.  A trapezium

---



**Question 27**

Choose the shape with 2 acute angles.

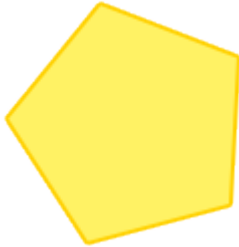
a.



b.



c.



d.



---

**Question 28**

A regular pentagon has  lines of symmetry.

---

**Question 29**

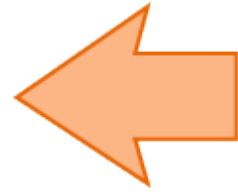


This picture shows a shape:

- a.  reflected
  - b.  rotated
  - c.  translated
-

### Question 30

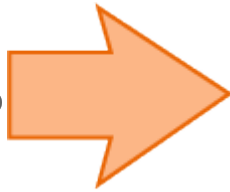
Choose the picture that shows this shape rotated through an acute angle.



a.



b.



c.

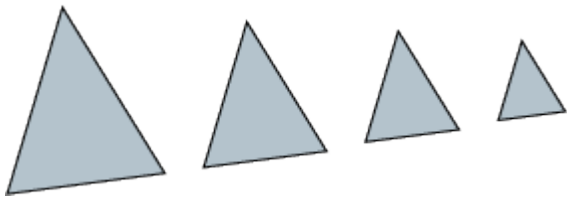


d.



---

### Question 31



These cross-sections were cut from:

- a.  a prism
- b.  a pyramid

---

### Question 32



This prism has  vertices.

---

### Question 33

The direction between north and east is:

- a.  west
  - b.  south
  - c.  north-east
- 

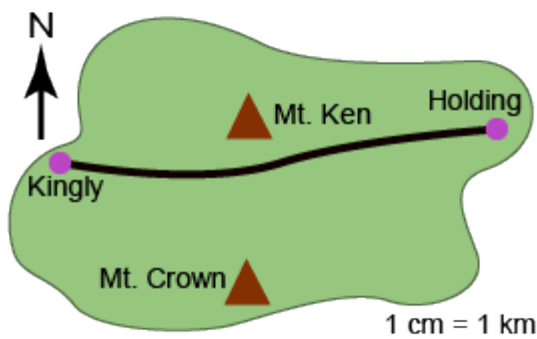
### Question 34

A flagpole is north-west of a gate.

In which direction is the gate from the flagpole?

- a.  NE
  - b.  NW
  - c.  SE
  - d.  SW
- 

### Question 35

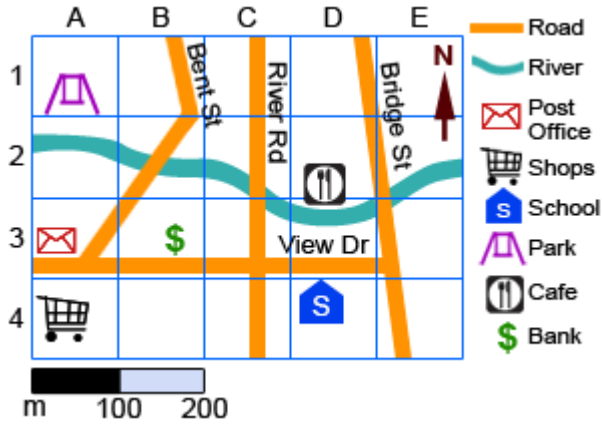


The road from Kingly to Holding is 8 km long.

How long is the road on the map?

- a.  8 mm
  - b.  8 cm
  - c.  8 m
  - d.  8 km
-

### Question 36



The park is  m north of the shops.

### Question 37

A bag contains 5 green marbles and 8 blue marbles.

If you choose a marble without looking, it is *more likely* you will choose:

- a.  a green marble
- b.  a blue marble

### Question 38



The chance of this spinner landing on red is:

- a.  more likely than landing on yellow
- b.  equally likely as landing on yellow
- c.  less likely than landing on yellow

### Question 39

Jai flipped a coin three times and got a tail each time. If he flips it again he will get:

- a.  a tail
- b.  a tail or a head
- c.  a head

**Question 40**



Which colour marble needs to be removed so that all colours have an even chance of being selected at random?

- a.  Green
- b.  Red
- c.  Yellow
- d.  Black

---

**Question 41**

If you flip a coin, how many outcomes are possible?

---

**Question 42**

When choosing a hat and a pair of shoes to wear, how many combinations will you have from 4 pairs of shoes and 4 hats?

---