A) Find the area of each shape.

1)

2)

3)
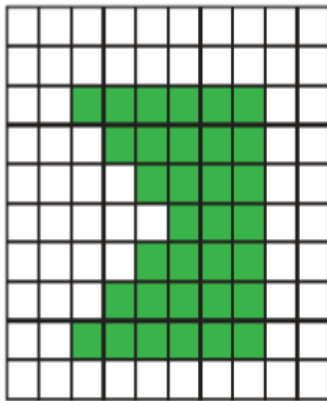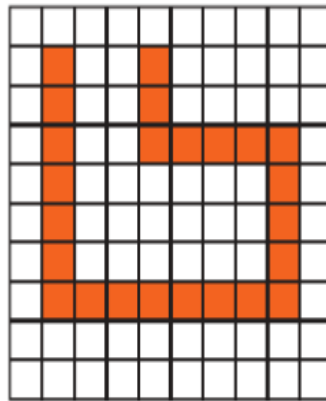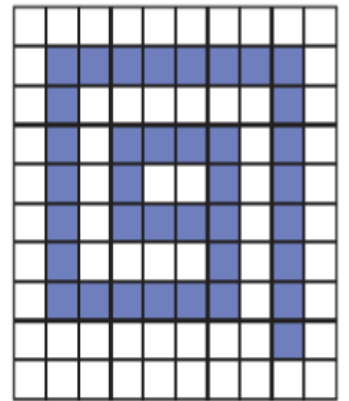
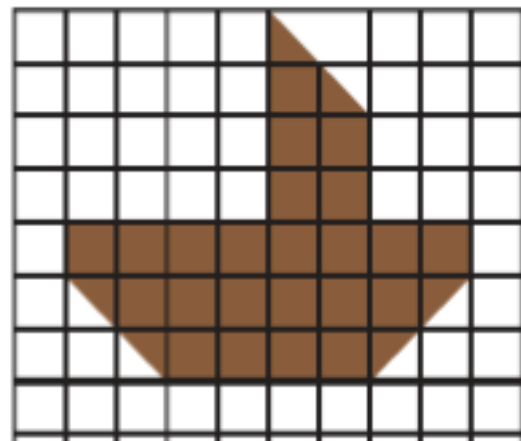Area = [   ] square units   Area = [   ] square units   Area = [   ] square units
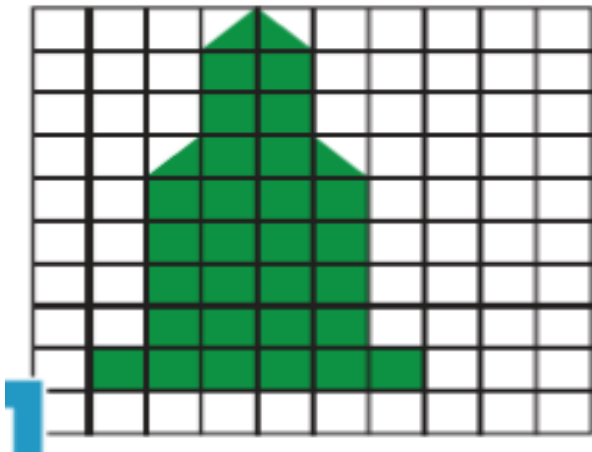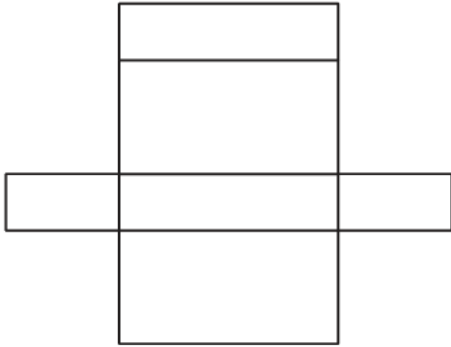
B) Name the 3D shape formed by each net.

1)

_____

2)

_____
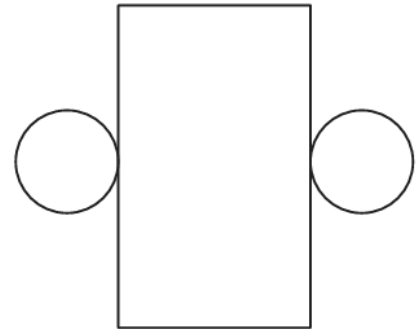
3)

_____
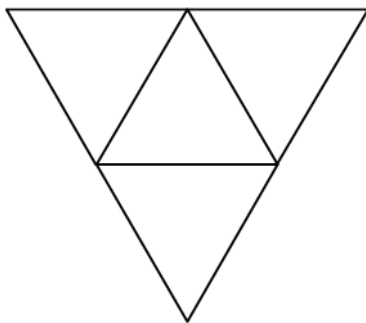
4)

_____
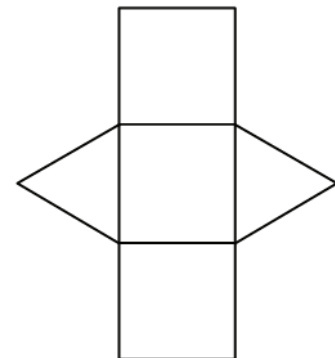
5)
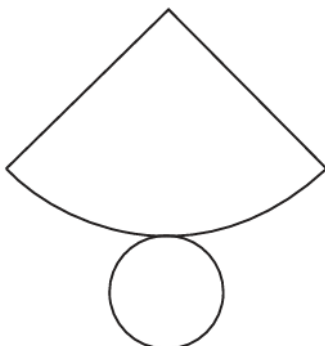
6)
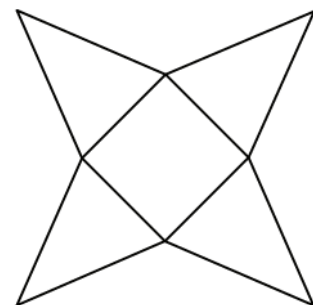
C) **I**dentify each 3D shape, and check the appropriate option.

1)
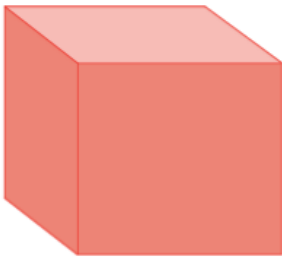
☐ sphere

☐ cube

☐ pyramid

2)

☐ cylinder

☐ prism

☐ cone

3)
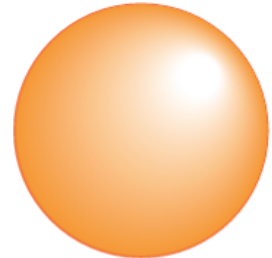
☐ prism

☐ pyramid

☐ sphere

4)

☐ cone

☐ pyramid

☐ prism

5)

☐ prism

☐ cone

☐ cube

6)
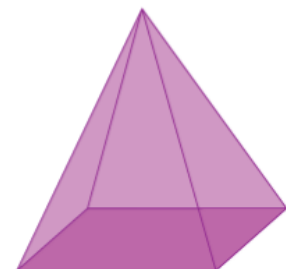
☐ pyramid

☐ prism

☐ cylinder

D) What temperature is 4 ° colder than -7 °C?

……………………………………………………………………………………………………

E) what is double 47

……………………………………………………………………………………………………

F) Each shape stands for a number

□ + □ + □ = 24

○ + □ + ○ + □ = 47

Find the value of each shape.

□ = _____   ○ = _____

Plot No.2/ Al-Banafseg Services Center No.2
First Settlement- New Cairo
Website: www.aspireschool-eg.com

Cambridge Assessment
International Education
Cambridge International School

Pearson

G) State whether the numbers are divisible by 2.

1) 7,462 _____   2) 353 _____

3) 97 _____   4) 4,018 _____

1) Which of the following numbers is not divisible by 2?

   a) 149   b) 22   c) 6,486   d) 3,170

2) Which of the following numbers is divisible by 2?

   a) 5,993   b) 84   c) 721   d) 295

H) Which of the following numbers is divisible by 5?

   a) 53,760   b) 9,251   c) 654   d) 78,213

2) Which of the following numbers is not divisible by 5?

   a) 5,685   b) 36,690   c) 287   d) 1,000

Plot No.2/ Al-Banafseg Services Center No.2
First Settlement- New Cairo
Website: www.aspireschool-eg.com

Cambridge Assessment
International Education
Cambridge International School

Pearson

1)

$$7 \overline{)2,562}$$

2)

$$5 \overline{)9,305}$$

3)

$$4 \overline{)4,616}$$

4)

$$9 \overline{)3,807}$$

5)

$$3 \overline{)6,291}$$

6)

$$6 \overline{)1,128}$$

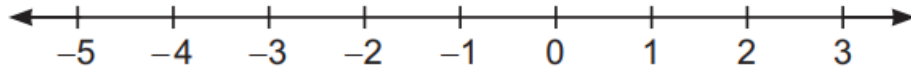## J) Here is a number line.

Write a number from the number line in the box to complete the statement

| -5 | > | |

What temperature is 6 degrees warmer than −8 °C?

....

What temperature is 3 degrees cooler than -7 °C?

....

What is the place of the digit **7 in 907 382**?

....

What is the value of the digit **9 in 79 382**?

....

S)   Here is a spatial pattern
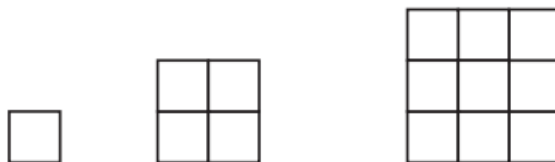
   a)   Draw the next term in the pattern.

   b)   What number does it represent?

Plot No.2/ Al-Banafseg Services Center No.2
First Settlement- New Cairo
Website: www.aspireschool-eg.com

Cambridge Assessment
International Education
Cambridge International School

Pearson

K) Write in words the **smallest** number that you can make using the digits 3, 1, 7, 9 and 5.

....

L) Milly scored 1646 points in a computer game.

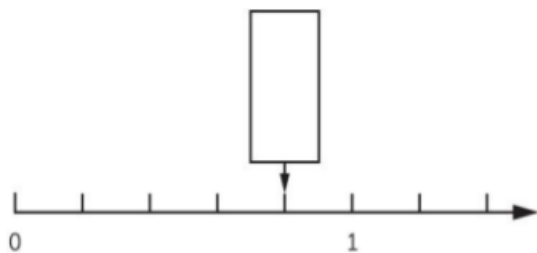Which of the following is **not** a correct representation of her score?

1000 + 600 + 40 + 6 ☐

1000 + 600 + 46 ☐

1000 + 606 + 4 ☐

1000 + 606 + 40 ☐

M) Here is part of a number line.

Write the missing fraction.

N)

Which digit must go in both boxes to make this sum correct?

☐ 4 + 3 ☐ = 100

Plot No.2/ Al-Banafseg Services Center No.2
First Settlement- New Cairo
Website: www.aspireschool-eg.com

Cambridge Assessment
International Education
Cambridge International School

Pearson

O) Write one of these phrases to describe the chance of each event happening.

no chance	poor chance	even chance	good chance	certain

a   You will see a dragon today.

_____

b   You will write answers at school today.

_____

c   You flip a coin once and it will land on heads.

_____

\

P) Match the angle to the description.

A right angle
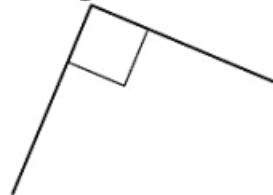
Greater than a right angle

Less than a right angle

angle A

angle B

angle C

Plot No.2/ Al-Banafseg Services Center No.2
First Settlement- New Cairo
Website: www.aspireschool-eg.com

Cambridge Assessment
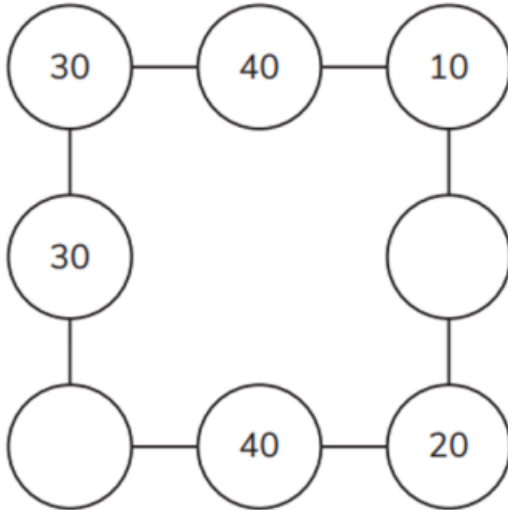International Education
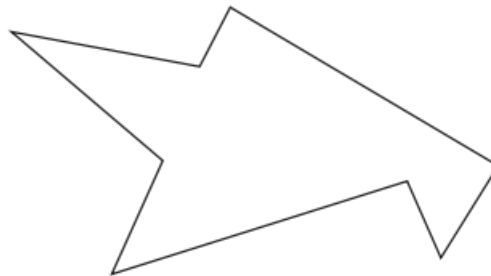Cambridge International School

Pearson

Q)

Here is a number square with missing numbers.
The numbers along each edge must add up to 80.
Write the missing numbers

L) What is the name of this irregular shape?

fraction	Percentage
$\dfrac{1}{10}$	
	32 %
$\dfrac{2}{5}$	
	26 %
$\dfrac{3}{4}$	

T)

Calculate

$$\frac{1}{5} \text{ of } 75$$