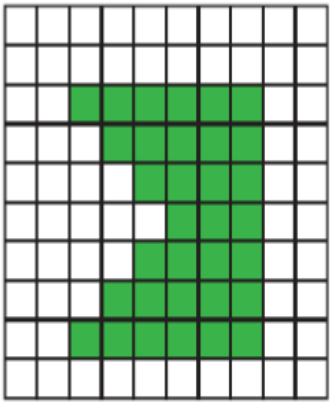
ASPIRE
INTERNATIONAL SCHOOL

Aspire International School

Name .....
Class.....

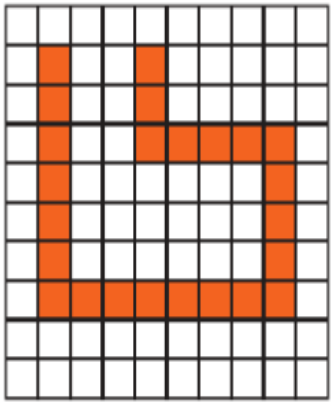
A) Find the area of each shape.

1)



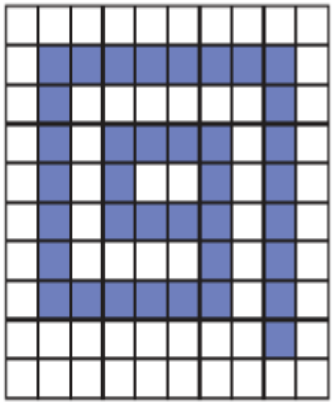
Area = 33 square units

2)

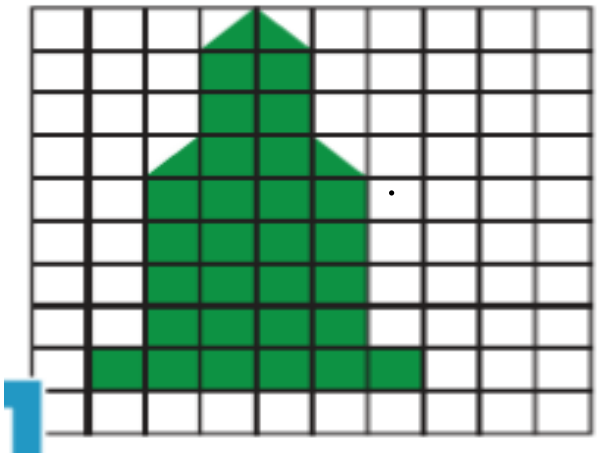


Area = 24 square units

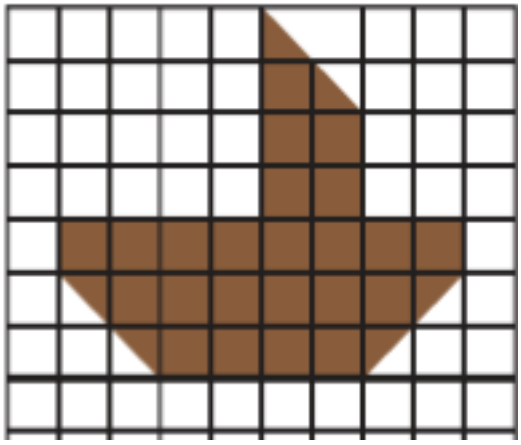
3)



Area = 37 square units



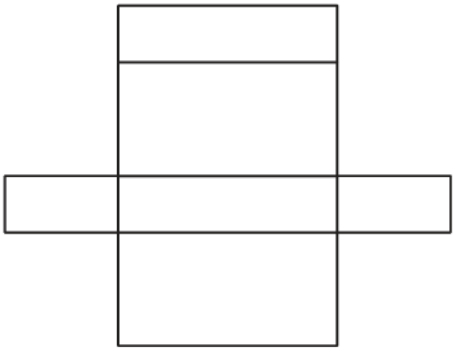
30



26

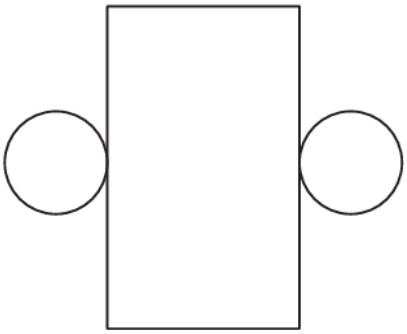
B) Name the 3D shape formed by each net.

1)



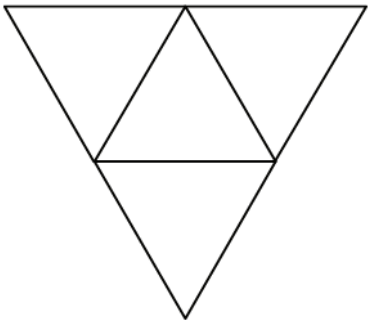
cuboid

2)



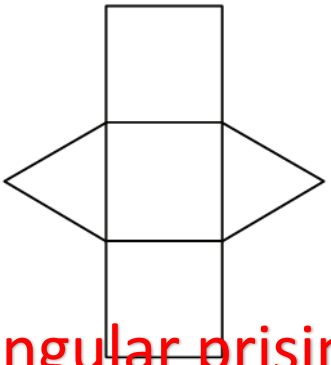
cylinder

3)



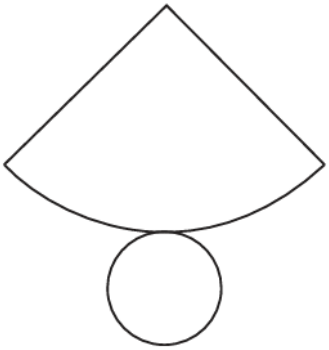
tetrahedren

4)



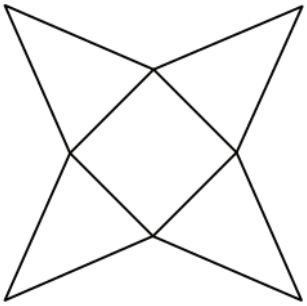
Triangular prisim

5)



Cone

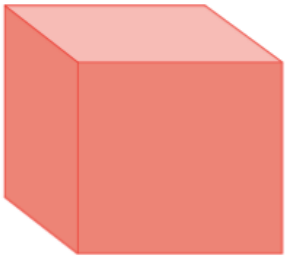
6)



Square based pyramids

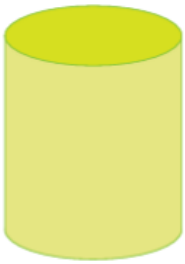
C) Identify each 3D shape, and check the appropriate option.

1)



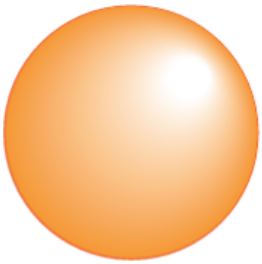
- ☐ sphere
- ☐ cube
- ☐ pyramid

2)



- ☐ cylinder
- ☐ prism
- ☐ cone

3)

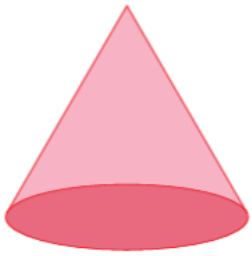


- ☐ prism
- ☐ pyramid
- ☐ sphere

4)

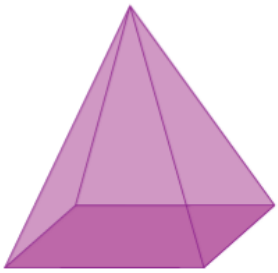
- ☐ cone
- ☐ pyramid
- ☐ prism

5)



- ☐ prism
- ☐ cone
- ☐ cube

6)



- ☐ pyramid
- ☐ prism
- ☐ cylinder

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

-11

E) what is double 47

94

F) Each shape stands for a number

Find the value of each shape.

G) State whether the numbers are divisible by 2.

1) 7,462 yes

2) 353 No

3) 97 No

4) 4,018 yes

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

1) 366

$7\overline{)2,562}$

2) 1861

$5\overline{)9,305}$

3) 1154

$4\overline{)4,616}$

4) 423

$9\overline{)3,807}$

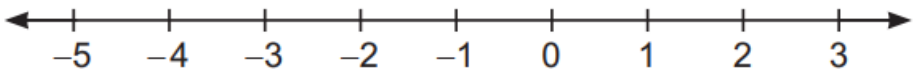
5) 2097

$3\overline{)6,291}$

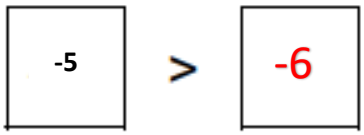
6) 188

$6\overline{)1,128}$

J) Here is a number line.



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



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

-2

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

-10

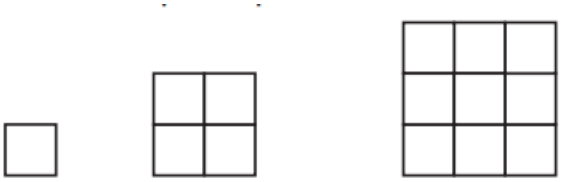
What is the place of the digit **7 in 907 382**?

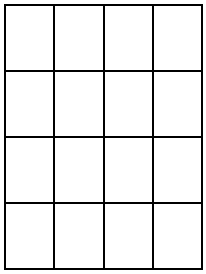
Thousands

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

9000

S) **Here is a spatial pattern**





a) Draw the next term in the pattern.

b) What number does it represent?

Square number

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

13579 Therteen thousand five hundred seventy nine

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 ☐

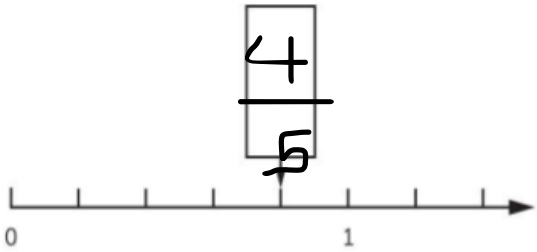
1000 + 606 + 4 ☐

1000 + 606 + 40 ☐

1000 + 606 + 4

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?

6	4	+	3	6	= 100

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.

Imposible

b You will write answers at school today.

certain

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

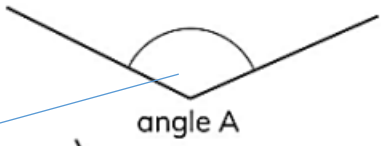
Even chance

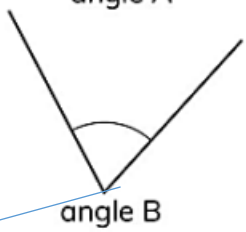
P) Match the angle to the description.

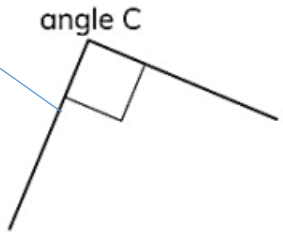
A right angle

Greater than a right angle

Less than a right angle

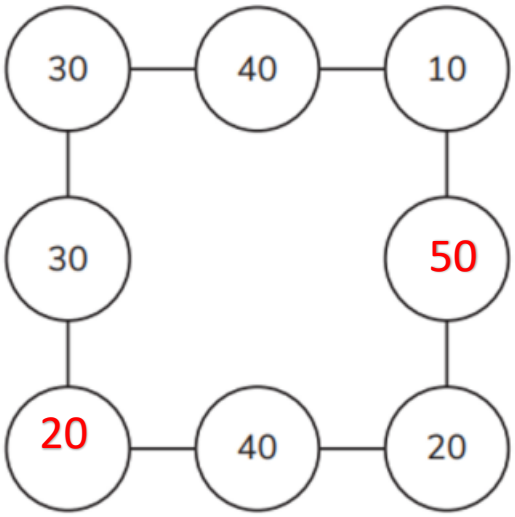




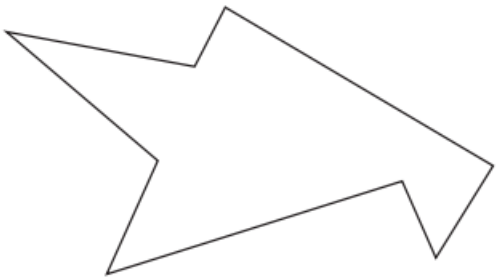


Q)

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?



octagon

fraction	Percentage
$\frac{1}{10}$	$\frac{10}{100} = 10\%$
$\frac{32}{100}$	32 %
$\frac{2}{5}$	$\frac{40}{100} = 40\%$
$\frac{26}{100}$	26 %
$\frac{3}{4}$	$\frac{75}{100} = 75\%$

Calculate

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

75 ÷5= 15