

# Aspire International School

Name .....

Class.....

1-

**247 036**

a. round to the nearest 10

**2 4 7 0 3 6**     +1 strong number round up     **2 4 7 0 40**

b. round to the nearest 100

**2 4 7 0 3 6**     week number round down     **2 4 7 000**

c. round to the nearest 1000

**2 4 7 0 3 6**     week number round down     **2 4 7 000**

d. round to the nearest 10000

**2 4 7 0 3 6**     +1 strong number round down     **2 5 0 000**

e. round to the nearest 100000

**2 4 7 0 3 6**     week number round down     **200000**

2- What does the digit 3 represent in the number 137456

30000

3- What is the value of 3 in the number 36789

3000

4- What is the place of 3 in the number 36789

Ten thousand place

5- The digit ...7..... in 571 576 is in the ten thousand places. Its value is .....70000.....

6- The digit ...7..... in 57890 is in the thousands place. Its value is .....7000.....

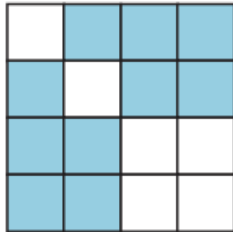
7- The equilateral triangle has ...3.... lines of symmetry

8- the .....isosceles ..... triangle has 1 line of symmetry.

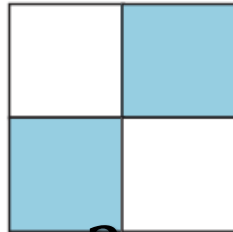
9- An .....equilateral ..... triangle has 3 equal sides and 3 equal angles

10-

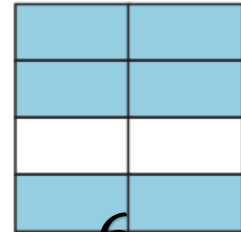
What fraction of each square is shaded?



$$\frac{10}{16}$$



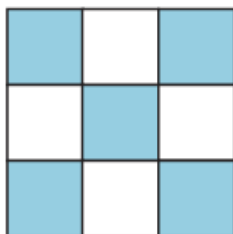
$$\frac{2}{4}$$



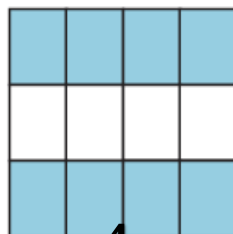
$$\frac{6}{8}$$

11-

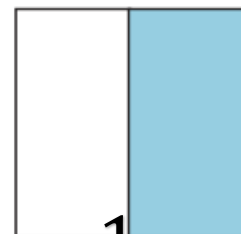
What fraction of each square is Unshaded?



$$\frac{4}{9}$$



$$\frac{4}{12}$$



$$\frac{1}{2}$$


12-


Seven children share one bar of chocolate.

Complete the number statement to show the fraction of the chocolate bar each child gets.

$$\boxed{1} \div \boxed{7} = \frac{\boxed{1}}{\boxed{7}}$$

13-

 represents the price of a model car.

 represents the price of a battery.

$$\text{rectangle} + \text{star} + \text{star} = \$12$$

The model car costs more than the battery.  
Each price is a whole number.

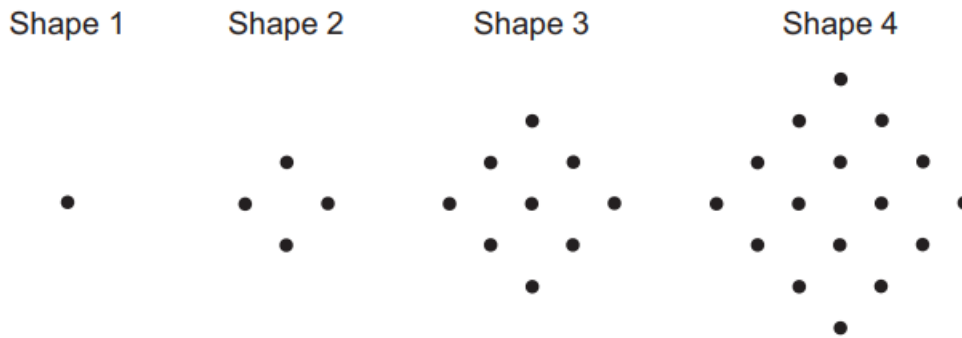
Write **all** the possible prices of the model car.

\$ .....

(\$) 6 and 8 and 10

13-

Here is a pattern made with dots.  
The pattern continues in the same way.



Write down the number of dots in Shape 8

..... dots

64 (dots)

14-

Some shapes tessellate.  
Circles do **not** tessellate.

Explain how you know.

An explanation stating that the touching circles have gaps between them, e.g. There are gaps.

15-

Write a **different** number to make each statement correct.  
Each number must be less than 50

**1,2,3,4,6,12**..... is a factor of 12

**12,24,36,48**..... is a multiple of 12

16-

Complete the table of equivalent fractions and percentages.

Fractions	Percentages
$\frac{50}{100}$	50%
$\frac{1}{100}$	1%
$\frac{3}{4}$	75%

17-

Write down the equivalent fractions you use to work out each answer.

$$\frac{3}{4} = \frac{18}{24}$$

$$\frac{2}{6} = \frac{4}{12}$$

18-

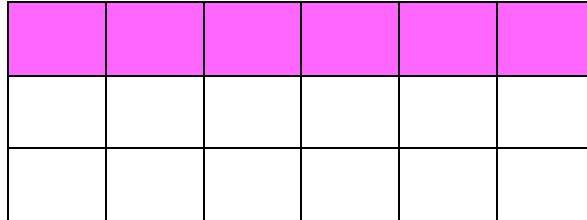
Make one whole

$$75\% + 25\% = 1$$

$$56\% + 44\% = 1$$

19-

Shade  $\frac{1}{3}$  Of the shape



20-

Paul wants to put 67 photos in an album.

A full page holds 6 photos.

He fills as many whole pages as possible.

How many photos are left over?

$$67 \div 6 =$$

$$\begin{array}{r} 11 \text{ r} 1 \\ 6 \overline{) 67} \end{array}$$

21-

Find the quotient with remainder.

1.  $3 \overline{)98}$

2.  $9 \overline{)87}$

3.  $7 \overline{)27}$

4.  $6 \overline{)23}$

5.  $8 \overline{)59}$

6.  $8 \overline{)97}$

7.  $5 \overline{)2}$

8.  $5 \overline{)94}$

9.  $3 \overline{)38}$

1.  $3 \overline{)98} \begin{array}{l} 32 \\ \hline \end{array} R2$

2.  $9 \overline{)87} \begin{array}{l} 9 \\ \hline \end{array} R6$

3.  $7 \overline{)27} \begin{array}{l} 3 \\ \hline \end{array} R6$

4.  $6 \overline{)23} \begin{array}{l} 3 \\ \hline \end{array} R5$

5.  $8 \overline{)59} \begin{array}{l} 7 \\ \hline \end{array} R3$

6.  $8 \overline{)97} \begin{array}{l} 12 \\ \hline \end{array} R1$

7.  $5 \overline{)2} \begin{array}{l} 0 \\ \hline \end{array} R2$

8.  $5 \overline{)94} \begin{array}{l} 18 \\ \hline \end{array} R4$

9.  $3 \overline{)38} \begin{array}{l} 12 \\ \hline \end{array} R2$