

**identifying odd and even numbers**

Circle the odd numbers

21 46 88 101 123 507 999 1045 3358

3 986 998 - Is this number odd or even? How do you know?

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 **recognize numbers to 10 000**

a) Write a number that is greater than 1000 and less than 2000. \_\_\_\_\_

b) Write a number that is between eight and nine thousand. \_\_\_\_\_

c) Write the number that has six thousands, four hundreds and eight. \_\_\_\_\_

d) Expand the number 4 826:

\_\_\_ thousands + \_\_\_ hundreds + \_\_\_ tens + \_\_\_ ones

e) Expand the number 8 420 using the method used in the previous question:

 **ordering numbers to at least 10 000**

Circle:

The SMALLEST number: 7027 9065 7178 6999 9001

The LARGEST number: 6389 8706 5777 5990 8098

The number between: 6500 and 7500: 6385 7099 7478 7021

**addition and subtraction**

$8 + 7 = \underline{\quad}$

$9 + 6 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$12 - 7 = \underline{\quad}$

$17 - 9 = \underline{\quad}$

$14 - 8 = \underline{\quad}$

Choose the subtraction fact that has the same answer as the addition fact.

e.g.  $10 + 4 =$     $15 - 3$     $20 - 6$     $22 - 5$     $17 - 4$

a)  $7 + 9 =$     $20 - 5$     $22 - 6$     $21 - 7$     $18 - 3$

b)  $15 + 15 =$     $45 - 12$     $42 - 16$     $45 - 20$     $44 - 14$

**multiplication facts 2x, 3x, 5x, 10x**

$5 \times 10 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

**division facts 2x, 3x, 5x, 10x**

$50 \div 5 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$18 \div 3 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$27 \div 3 = \underline{\quad}$

**represent and answer problems using multiplication**

Write a multiplication fact that can be used to solve each problem. Then answer each question.

a) There are 10 balls in each box. How many balls in 7 boxes?  
multiplication fact: \_\_\_\_\_ answer: \_\_\_\_\_

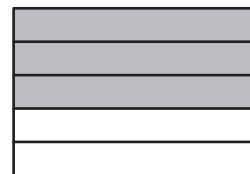
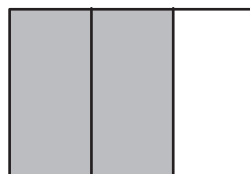
b) Each packet contains 3 muffins. How many packets do I need if I want 24 muffins?  
multiplication fact: \_\_\_\_\_ answer: \_\_\_\_\_

Name: \_\_\_\_\_



**model and represent unit fractions ( $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{3}$ ,  $\frac{1}{5}$ )**

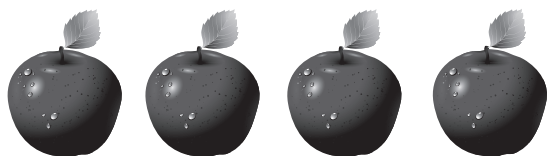
What fraction of each shape is shaded?



The pizza is cut into 8 equal sized slices.

Sue ate half the pizza. How many slices did Sue eat? \_\_\_\_\_

Jack ate a quarter of the pizza. How many slices did Jack eat? \_\_\_\_\_



Sally cut all these apples into quarters.

How many quarters does she have altogether? \_\_\_\_\_

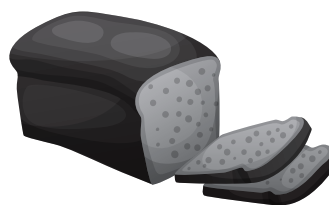


**calculate the cost and change for a simple transaction**

The price of each item is shown.



£3.60



£2.10

Peter bought a loaf of bread and block of butter.

a) How much did Peter spend? \_\_\_\_\_

b) How much change will Peter get from £10.00? \_\_\_\_\_

**continuing number patterns**

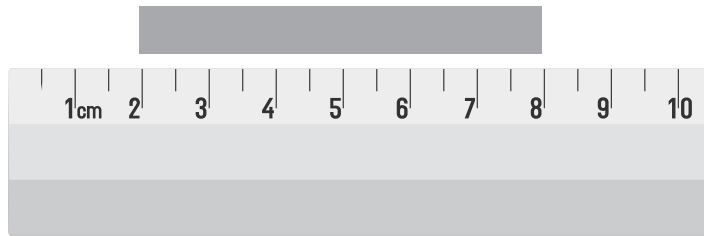
Andy made this number pattern.

5, 7, 10, 14, 19,

What's the next number in the pattern? \_\_\_\_\_

 **MEASUREMENT**
 **measure an object using a metric unit of length**

Anna measured the length of a wooden rod as shown.



a) How long is the rod? \_\_\_\_\_

b) If she placed three rods end to end, what is the total length of the three rods? \_\_\_\_\_

 **measuring mass using metric units**

John stood on a set of scales.



a) What is John's mass?

35 kg

45 kg

40 kg

50 kg

John's father also weighed himself.

b) Which is most-likely his mass?

22 kg

322 kg

85 kg

401 kg



**comparing capacity**

The capacity of each container is shown (e.g. 2L, 1L etc). Also shown is the level of water in each container. Which container has the most water?

2L

○

1L

○

1.5L

○

750mL

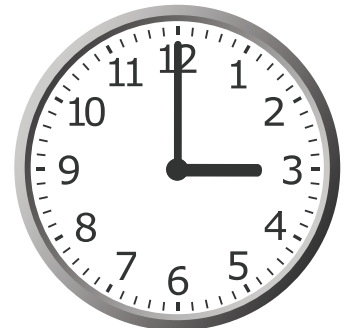
○



**investigate the relationship between units of time**

a) Mary caught a train at 3 pm. The trip took two and a half hours.

What time did the trip end? \_\_\_\_\_



b) Sam took a bus trip that took one and a quarter hours. If the trip ended at 6:45 pm, what time did the trip start? \_\_\_\_\_



**investigate the relationship between units of time**

Marcus made a cube.

How many faces, edges and corners does a cube have?

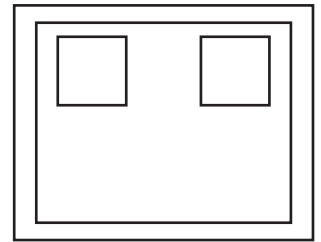
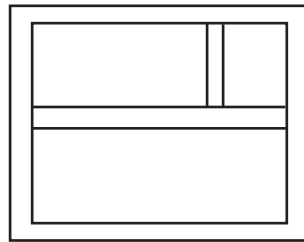
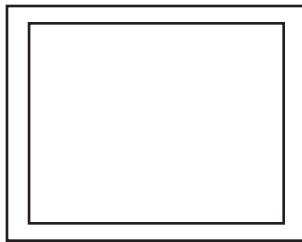
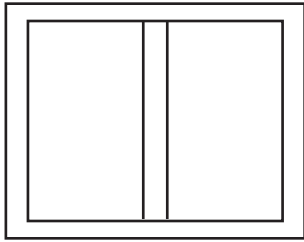
faces: \_\_\_\_\_ edges: \_\_\_\_\_ corners: \_\_\_\_\_





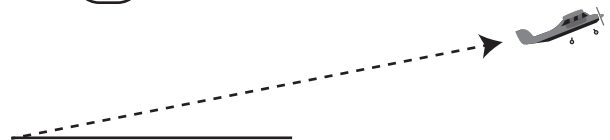
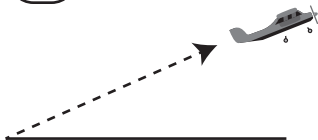
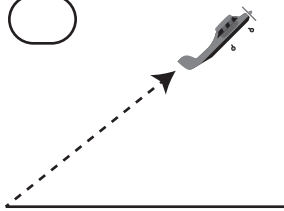
**identify symmetry**

Which window has NO lines of symmetry?



**identify angles**

Which plane took-off at the greatest angle?



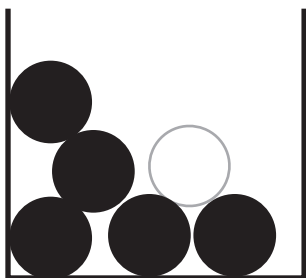
**STATISTICS AND PROBABILITY**



**describe possible outcomes**

There are 5 black and 1 white ball in a box.

Leo takes 1 ball only. What is the most-likely outcome?



Leo picks a green ball.

Leo picks a white ball.

Leo picks a black ball.

Leo picks a red ball.

**identify possible outcomes**

There are 10 cards faced down on a table. The cards are numbered from 1 to 10.

What's the chance of picking an even number?

- certain                       half a chance  
 impossible                       small chance

 **interpret data displays**

The table shows how many apples sold in the school canteen.

DAY	SALES
Monday	30
Tuesday	27
Wednesday	53
Thursday	24
Friday	97

- a) On which day were the most apples sold? \_\_\_\_\_
- b) How many more apples were sold on Wednesday than Thursday  
\_\_\_\_\_
- c) The following week, exactly twice as many apples were sold on Monday. How many were sold on the following Monday? \_\_\_\_\_

Gerry counted the number of cars that passed the school each hour. He used tally marks to record his findings. Use the data to complete the table.

12 pm - 1 pm *|||| |*

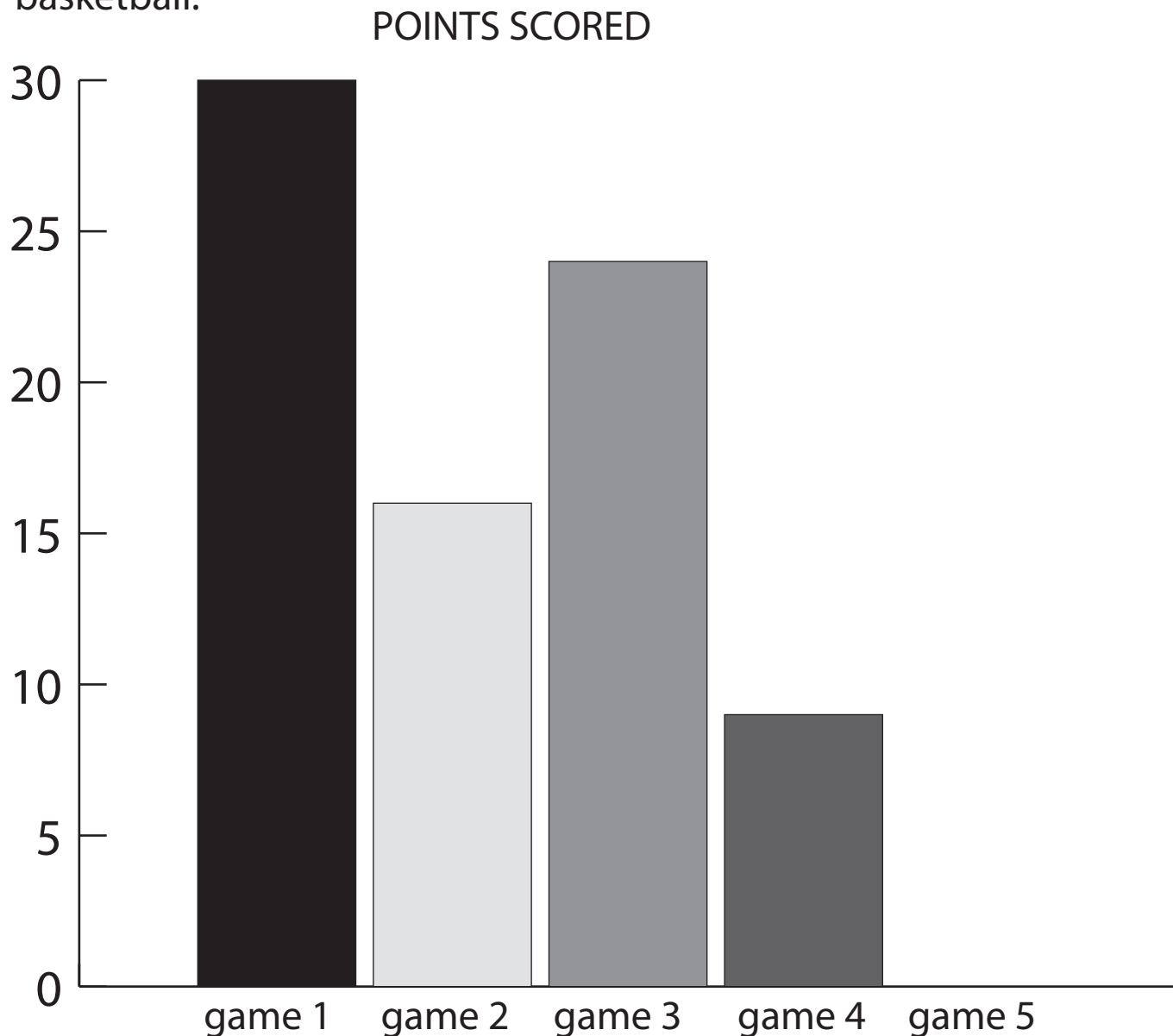
1 pm - 2 pm *||||*

2 pm - 3 pm *|||| |*

TIME	No.
12 pm - 1pm	
	7
2pm - 3 pm	

**interpret a column graph**

The graphs shows the number of points scored in a game of basketball.



- Twenty points were scored in game 5. Complete the graph to show this.
- How many points were scored in game 1? \_\_\_\_\_
- In which game were 16 points scored? \_\_\_\_\_
- In one game 26 points were scored in the first half.  
In which game did this occur? \_\_\_\_\_