Name: Date:

Adding two digit numbers – missing number

Calculate the missing number

1) 30 + 42 = 72 2) 47 + 15 = 62

Make 100

1) 76 + 24 = 100 2) 34 + 66 = 100

Two digit subtraction

1) 67 - 43 = 24 2) 44 - 27 = 17

Subtracting large numbers

3) 245 - 128 = 117 4) 7042 - 2479 = 4563

Working out (if needed)

Subtract from 1000

5) 1000 - 533 = 467 6) 1000 - 695 = 305

Working out (if needed)

Adding large numbers

Working out (if needed)

1) 6738 + 3856 = 10594

2) 8664 + 6996 = 15660

Adding three numbers

Working out (if needed)

1) 45 + 54 + 83 = 182

2) 745 + 366 + 907 = 2018

Name: Date:

Patterns of 6,7,8,9

Complete each number pattern

1) 6, 12, 18, 24, 30

2) 7, 14, 21, 28, 35

3) 8, 16, 24, 32, 40

4) 9, 18, 27, 36, 45

Multiplication facts - 6x, 7x, 8x, 9x

4 x 6 = 24 | 6 x 6 = 36 | 7 x 6 = 42 | 3 x 7 = 21

5 x 7 = 35 | 7 x 7 = 49 | 2 x 8 = 16 | 5 x 8 = 40

8 x 8 = 64 | 4 x 9 = 36 | 6 x 9 = 54 | 8 x 9 = 72

Division facts 6,7,8,9

24 ÷ 6 = 4 | 36 ÷ 6 = 6 | 21 ÷ 7 = 3 | 42 ÷ 7 = 6

40 ÷ 8 = 5 | 64 ÷ 8 = 8 | 90 ÷ 9 = 10 | 45 ÷ 9 = 5

Counting by halves, thirds and quarters.

Complete each pattern

1) $\frac{1}{2}$ | 1 | $1\frac{1}{2}$ | 2 | 2 1/2

2) $\frac{1}{3}$ | $\frac{2}{3}$ | 1 | $1\frac{1}{3}$ | 1 2/3

3) $\frac{1}{4}$ | $\frac{2}{4}$ | $\frac{3}{4}$ | 1 | $1\frac{1}{4}$ | $1\frac{2}{4}$ | $1\frac{3}{4}$ | 2

Tenths and hundredths

1) There are 100 students in a school.
57 are girls and the rest are boys.
What fraction of the school are boys? 43/100

2) In a box are ten balls.
Seven are orange and the rest are blue.
What fraction of the balls in the box are blue? 3/10

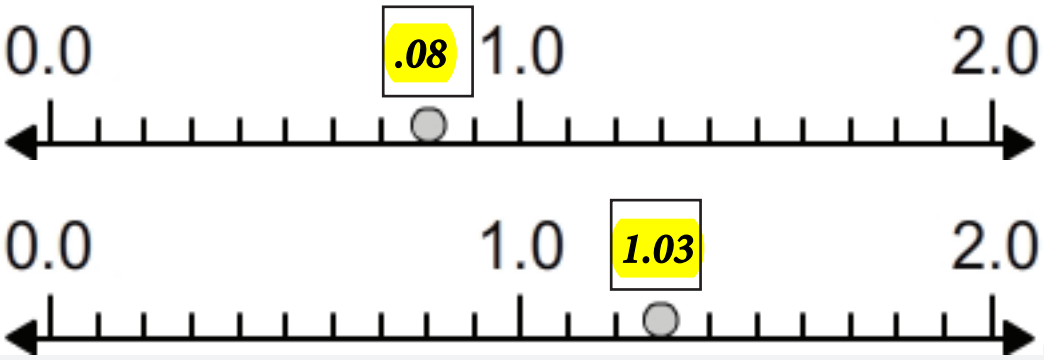
3) Circle the fraction that is equal to 3/10.

a) 35/100 b) 30/100 c) 33/100 d) 10/3

Name: Date:

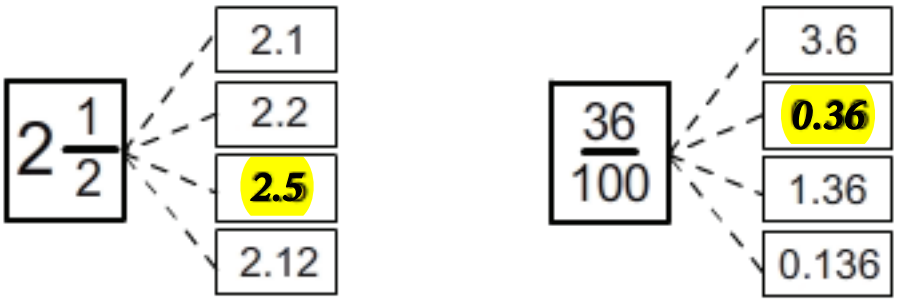
Introduction to decimals

Which decimal is shown by the dot on the number line?



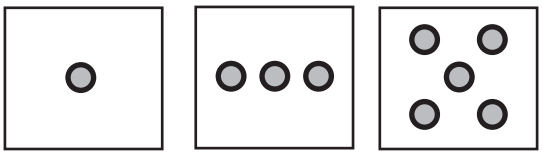
Equivalence between fractions and decimals

Circle which decmal is equal to each fraction shown?



Explore patterns created by objects

Anna is making a circle pattern. The number of circles in the first 3 boxes is shown. How many circles will she need for box 10?



Anna needs 19 *circles for box 10.*

Balancing equations

Balance each equation

1) 6 + 6 = 8 + 4

2) 10 + 6 = 9 + 7

3) 12 - 4 = 14 - 6

4) 16 - 6 = 4 + 6

Convert between units of time

1) *It took Betty 68 minutes to bake a cake. In hours and minutes, how long did it take Betty to bake the cake?* 1 *hour/s and* 8 *minutes*

2) *The school camp went from Monday 6 pm to Wednesday 6 pm (2 days). How many hours is this?*

48 *hours*

Name: Date:

Interpret data presented in two way tables

The test results for five students are show in the table.

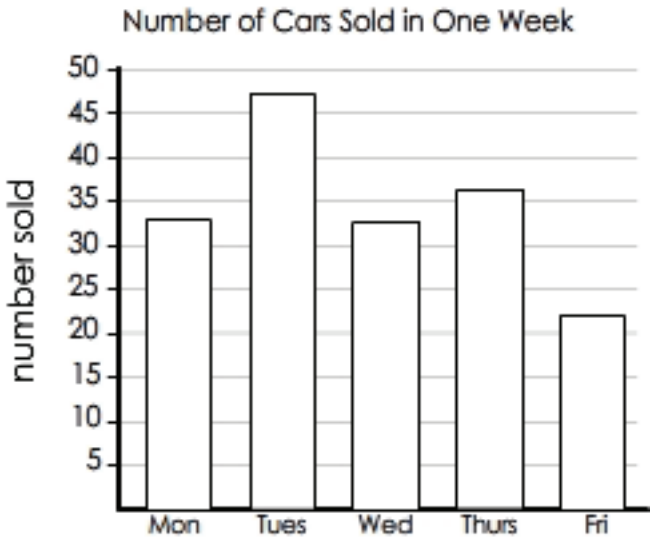
TEST RESULTS			
	Test 1	Test 2	Test 3
Anna	89	72	91
Andy	100	97	98
Jenny	100	64	79
Greg	58	38	64
Sally	71	51	47

1) *Who scored 64 in test 2?* ___Jenny___

2) *Who achieved the lowest score in test 3?* ___Sally___

3) *Who achieved the highest total score in the three tests?* ___Andy___

Interpret data using column graphs



1) *On which day were most cars sold?* ___Tues___

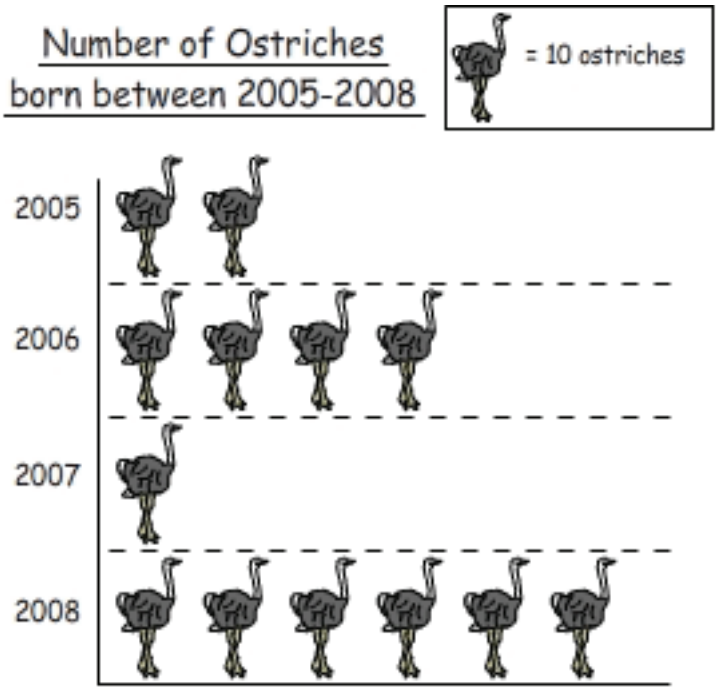
Interpret data using column graphs

2) *On how many days were more than 30 cars sold in the day?* ___4 days___

3) *On which day were 36 cars sold?* ___Thurs___

Name: Date:

Interpret data using picture graphs where one symbol represents many



1) This graph shows the number of ostriches born between 2005-2008.
In which year were 40 ostriches born? **2006**

2) How many ostriches were born in 2008? **60**

Order the possibility of everyday events

1) Tim flips a coin that has a 'heads' and 'tails' side. What is the chance it will land on 'heads'?

a) impossible
b) unlikely
c) **50-50**
d) certain

1) Tina has 2 tickets out of 5000 tickets sold in a raffle. What is Tina's chance of winning?

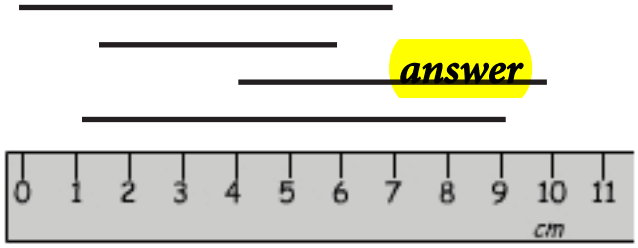
a) impossible
b) **unlikely**
c) 50-50
d) certain

Name: Date:

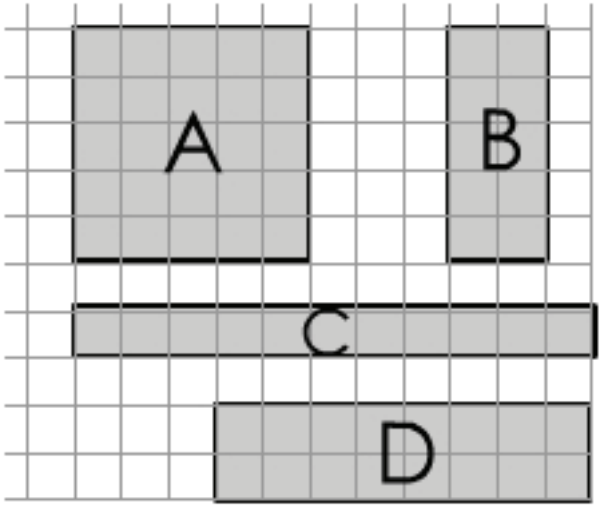
Instruments used to measure length

1) Circle the line in the picture which has a length of 6 cm.

NOT TO SCALE



Compare and measure area using grid paper



1) Which shape has the smallest area?

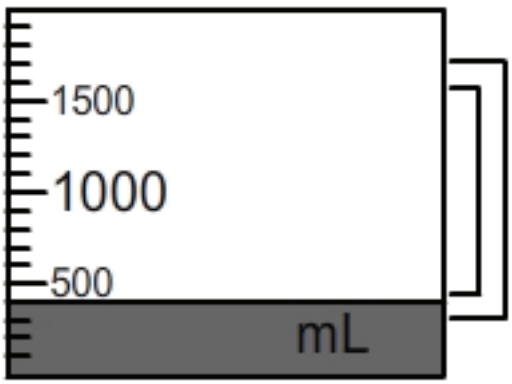
a) shape A
c) shape C
b) shape B
d) shape D

2) Which shape an area of 16 square units?

a) shape A
c) shape C
b) shape B
d) shape D

Scales instruments used to measure volume

The amount of water in the jug is shown.



1) How much water is in the jug?

400 mL

2) How much more water is needed to fill the jug?

1600 mL

Name: Date:

Measure volume using centicubes

1) Olga used ALL the cubes from this prism to build another prism.

Circle the prism that Olga made.




Identify a right angle

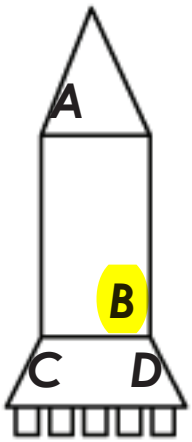
Which angle is a right angle?

a) Angle 'A'

a) Angle 'B'

a) Angle 'C'

a) Angle 'D'

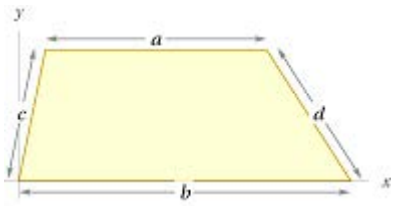


Construct and draw two dimensional shapes

Draw each shape

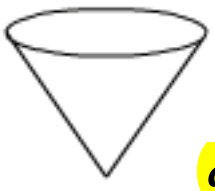
pentagon

trapezium (trapezoid)

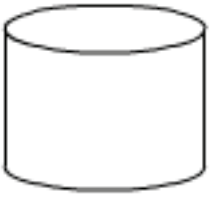


Name three-dimensional objects

Name each object



cone



cylinder

Name: Date:

Describe the features of three-dimensional objects

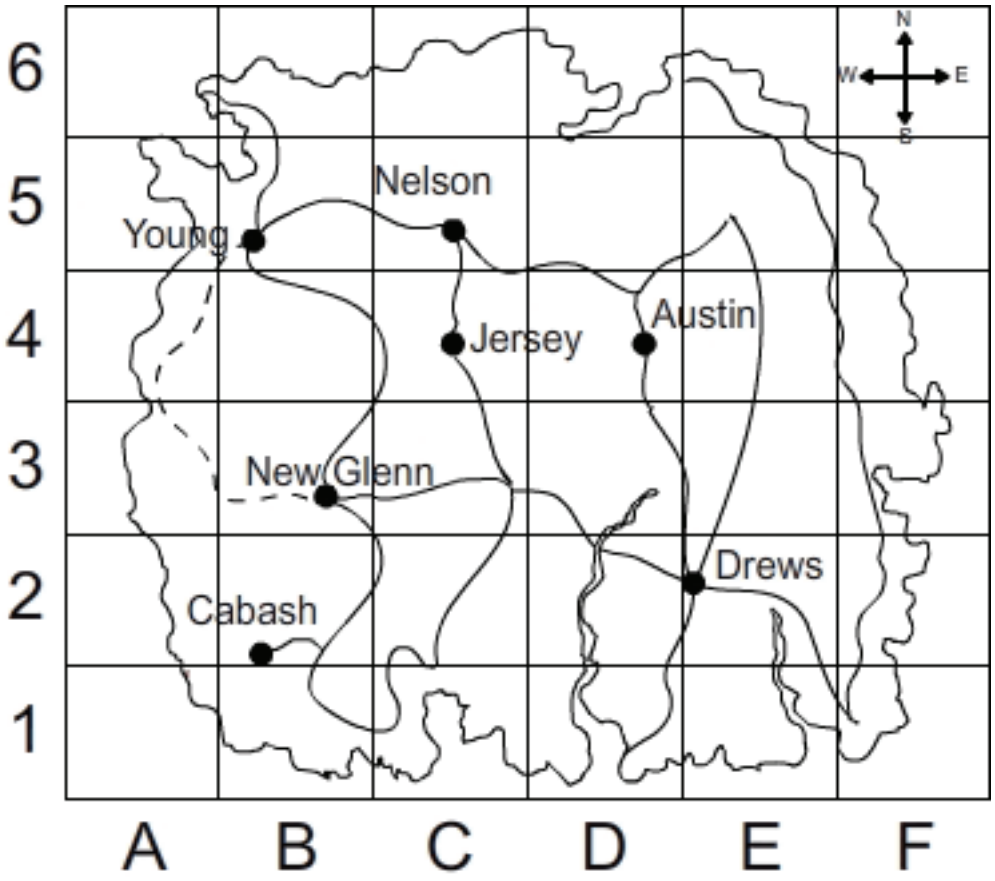
1) Which 3D object has 6 identical squares?

cube

2) Which 3D object has a rectangular base, two triangular ends joined by 2 rectangles?

Use grid reference to identify location

Interpret basic maps



1) Write for coordinates for each town listed.

a) Nelson: C 5 b) Austin: D4

c) Drews: E2 d) Cabash: B2

2) Which town is east of Jersey? Austin

3) Which town is south of Austin? Drews

Create symmetrical patterns

Complete the picture making it symmetrical