

Test Time: 60 minutes

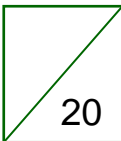
First Name

Class

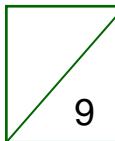
Last Name

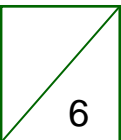
Date

School

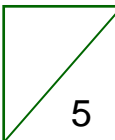
Number 

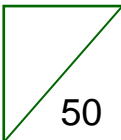
Measurement 

Geometry 

Algebra 

Probability 

Statistics 

Written 

Mental 

1. Calculate:

$$22\,139 + 87 + 31\,988 + 66$$

2. Calculate:

$$\$3\,404.70 - \$2\,668.90$$

3. Calculate:

$$\frac{21}{7} - \frac{23}{7} + \frac{13}{7} =$$

4. What change would you receive from a \$100 note if you bought an entree for \$14.90, a main course for \$33.30 and dessert for \$12.50?

5. A hybrid car travels 50 km on a litre of fuel and fuel costs \$2.19 per litre.
How much would it cost in fuel to drive the car 600 km?

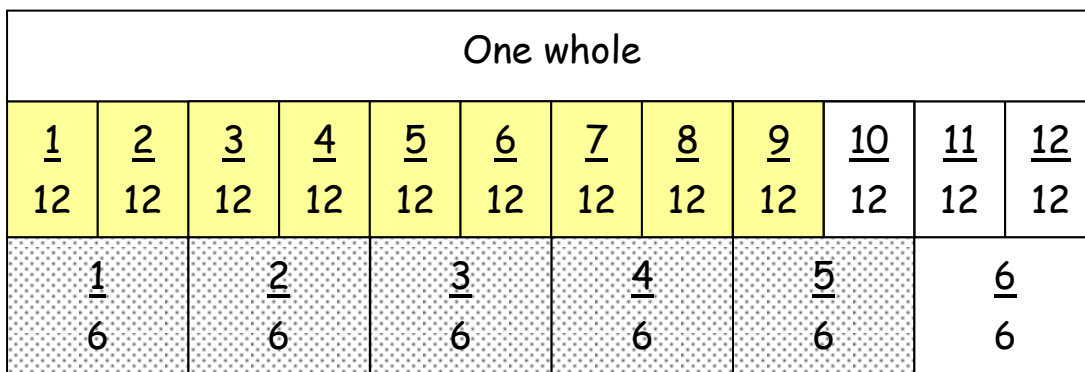
6. Calculate:

$$\begin{array}{r} 37 \\ \times 7 \\ \hline \end{array}$$

7. Calculate:

$28 \times 34 =$

8. The fractions $\frac{9}{12}$ and $\frac{5}{6}$ have been shaded on this fraction wall.



What is the difference between $\frac{9}{12}$ and $\frac{5}{6}$?

9. A prize of \$764 is shared between 5 friends.

How much does each person get in dollars and cents?

10. Calculate: $2240 \div 40$

11. Calculate:

$$2.4 \times 3.8 =$$

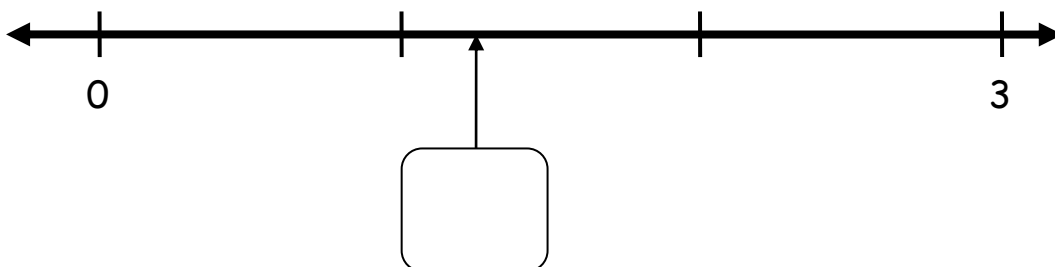
12. Calculate:

$$30 \overline{) \$66.00}$$

13. It is 348 days until Bernie's next birthday.
How many weeks and days does he have to wait?

14. List the factors for 40.

15. What is the *mixed numeral* at the arrowed point on the number line?



16. Write the fraction as a decimal:

$$\frac{14}{100}$$

17. Write the fraction as a percent:

$$\frac{14}{100}$$

18. Write the missing number to complete the number sentence.

$$190 \times 15 \div 5 = 3 \times 95 \times \boxed{}$$

19. Write the smallest whole number in the box that makes this number sentence correct.

$$12 + 13 < \boxed{} \times 5$$

20. Tick the correct answer.

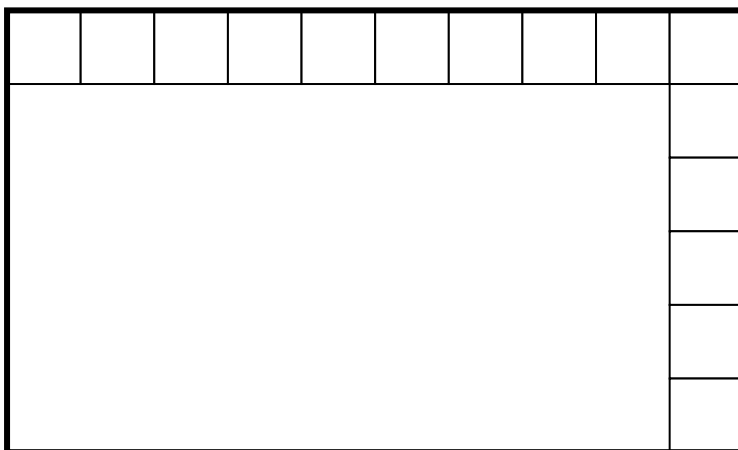
	2350	2.305	20.35	2.035
$203.5 \div 100 =$	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. This table shows the times of the first 4 runners in a 100 m race.
Write the times in finishing order.

11:10 s	11:09 s	11:00 s	10:54 s
---------	---------	---------	---------

1 st place	2 nd place	3 rd place	4 th place

22. What is the area of the rectangle?



Scale

= 1 m²

23. Which metric unit would you use to measure the capacity of a fish tank?

centimetres

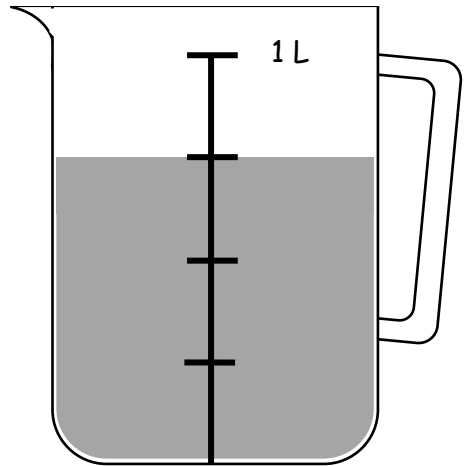
square metres

kilograms

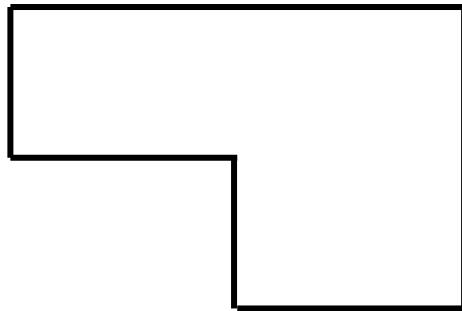
litres

TEST 6 MEASUREMENT

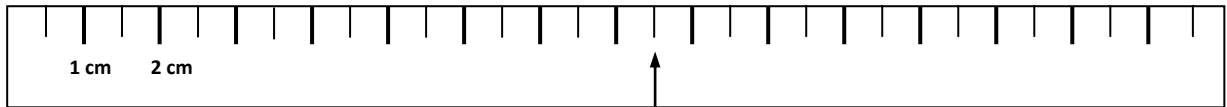
24. How much more water is needed to fill the jug to 1 L?



25. Write the perimeter of the shape the nearest centimetre:



26. Record the measure at the arrowed point in millimetres:

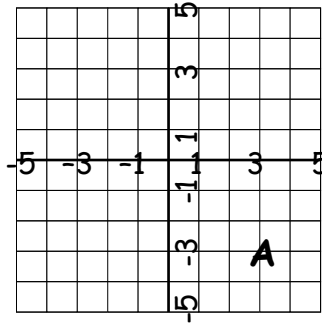


27. Use the scale to calculate the length of the line (round your measure to the nearest half cm):

Scale: 1 cm = 2 m



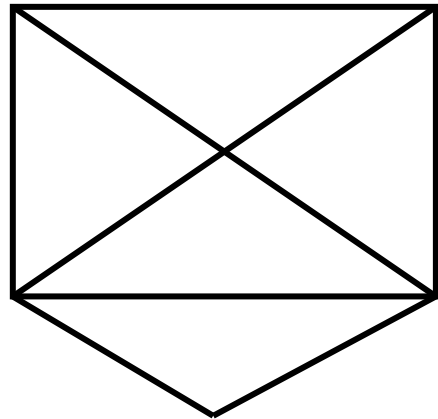
28. Describe the point location for **A**.



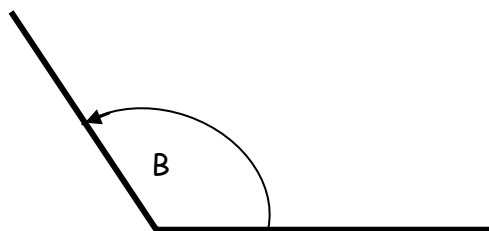
29. Is this drawing traversable? Tick your answer.

Traversable

Not traversable



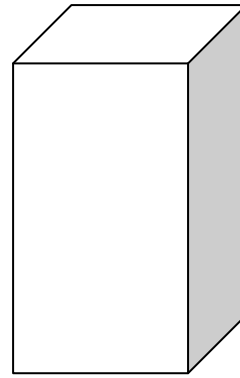
30. Angle B = 127° . How many more degrees of turn are required for angle B to become a straight angle?



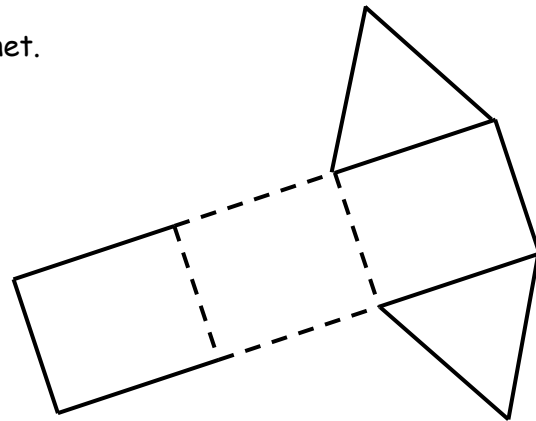
31. How many lines of symmetry could you draw in an equilateral triangle?

32. This diagram represents a 3D object.

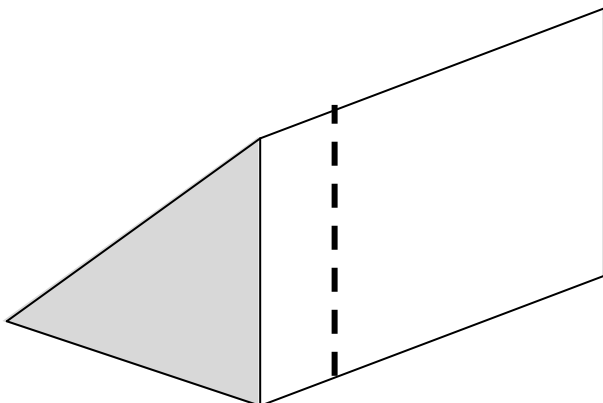
The object is a



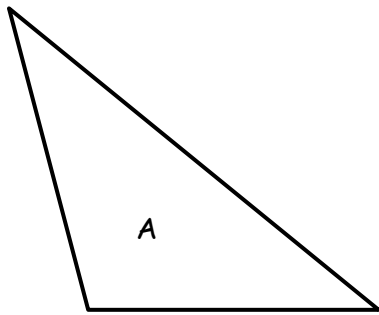
33. Name the 3D model represented by this net.



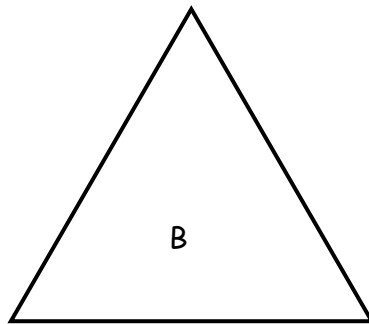
34. Name the new 2D face you would see after cutting down through the dotted line.



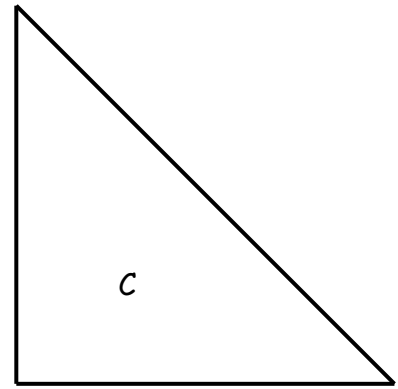
35. Tick the scalene triangle.



A

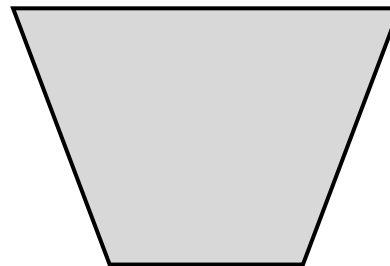


B



C

36. Name the shape.



37. Solve the equation:

$$4 + 8 \div 4 - 2 = \boxed{}$$

38. Solve the equation:

$$(10 + 8) \div 3 - 2 = \boxed{}$$

39. Find the 3 smallest whole numbers to satisfy the equation:

$$19 - n < 15 \quad \boxed{} \quad \boxed{} \quad \boxed{}$$

40. Is this equation true or false? Tick your answer.

$$n + n - n = n$$

true

false

41. Add and subtract the like terms:

$$4x + 2y - y + x = \boxed{}$$

42. Write a rule for this sequence of numbers:

Rule

$$\boxed{y = }$$

x	y
0	1
1	3
2	5
3	7
4	9

43. 1 Ace, 1 King, 1 Queen and 1 Jack card are placed face down on a desk:

If you turn over 2 cards, how many different combinations might occur? Tick your selection.

7	3	6	4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

44. 1 Ace, 1 King, 1 Queen and 1 Jack card are placed face down on a desk:

If you select one card, what are the chances of you turning over a Jack? Tick your selection.

$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{3}$	$\frac{3}{4}$
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

45. A bag contains 3 red counters and 3 blue counters:

If you take 1 counter without looking, what is the probability that a blue counter will be taken from the bag? Tick your selection.

$\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{6}$	$\frac{1}{3}$
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TEST 6 STATISTICS

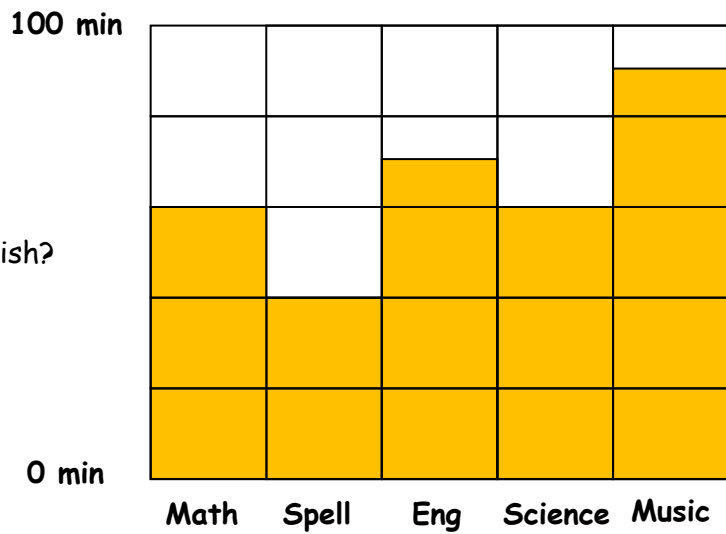
46. You collect data on three of the all-time great cartoon movies: The Lion King, Shrek and Toy Story. You ask children in your class which of these movies they have watched in the last year.

Tick the best method for recording the data.

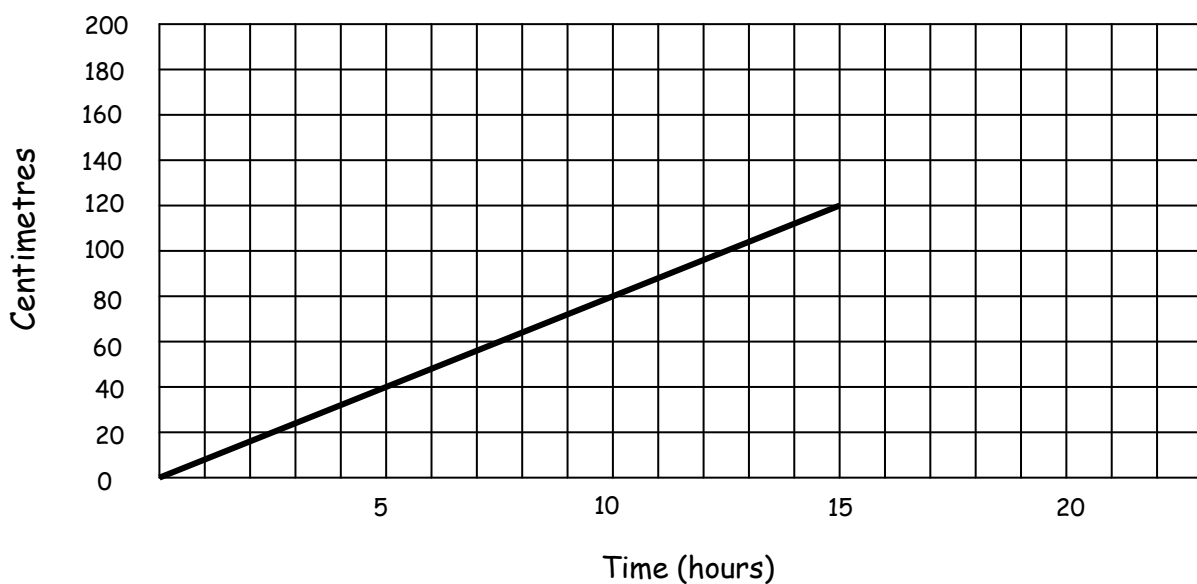
Tree diagram	<input type="checkbox"/>
Venn diagram	<input type="checkbox"/>
Bar graph	<input type="checkbox"/>

47. The graph shows the portion of time George spent on homework in each subject last week.

How much time did she spend on English?



48. The line graph shows the phenomenal growth of a super-plant.



How tall would you predict the plant to be after 20 hours?

49. The table records the burgers sold at a fete each hour.

Each tally-mark represents \$5.

What is the total value of burgers sold?

Burgers Sold	

50. This graph shows the number of new children that came to our school each month in 2012. Is this statement about the graph true or false? Tick your answer.

“The horizontal axis represents the number of new students.”

True False

