

Name _____

	2	7	9	3	5	8
+ 7						

- 1 $32.91 - 28.7 =$
Check with the inverse operation.

- 2 Make true using =, <, >:

$$\frac{1}{3} \bigcirc \frac{3}{7}$$

- 3 $m - 62 = 71$
 $m =$

- 4 For the data set find:

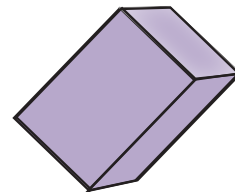
11, 16, 9, 4, 8, 22, 14

- a) median b) mean c) range

- 5 The base of this prism is a _____.

This prism has:

_____ vertices
_____ edges
_____ faces



- 6 Arrange in order from largest to smallest :

-7, 3, -2, 1, -4

	13	7	15	11	9	12
- 6						

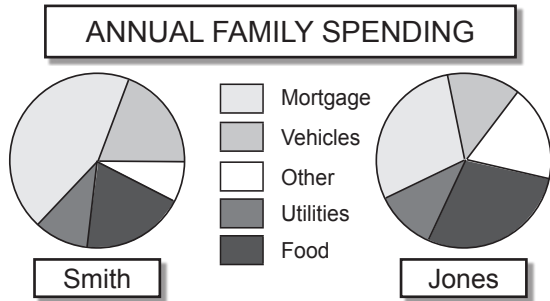
- 7 $\frac{7}{8} + \frac{3}{4} =$

- 8 List all the common factors of 16 and 20.

Name _____

- 9 If $c = 4$, what is the value of $2(c^2 - 5)$?

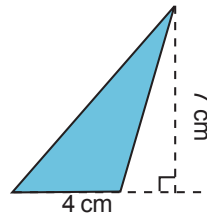
10



Which family spends almost half their money on the mortgage?

- 11 Find the area of this triangle.

HINT: $A = \frac{1}{2}bh$

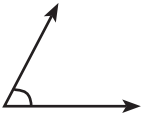


	10	5	11	4	6	3
x 6						

- 12 $1.8 \div 6 =$

Check with the inverse operation.

- 13 a) Estimate the size of this angle. Is it closer to 80° or to 100° ?
- b) This is _____ angle.



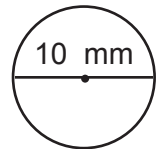
an acute a right an obtuse

- 14 _____ % = 0. _____ = $\frac{3}{4}$

- 15 If you add 100 to a number and reverse the order of the digits in the answer, you get 657. What was the original number?

- 16 For this circle find the:

- a) radius
b) circumference
c) area



$C = 2\pi r$ $A = \pi r^2$ Use $\pi = 3.14$

Name _____

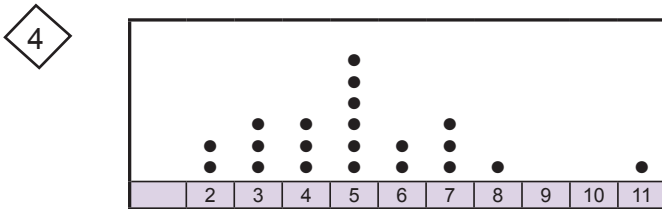
	24	9	12	15	21	36
÷ 3						

1 $\frac{3}{5} \times \frac{5}{6} =$

2 The banquet room is set with 16 chairs for every two tables.

Write the ratio of chairs to tables as a fraction.

3 $3 + 5 \times 4 =$



Which data set matches the line plot?

- a) 3, 4, 4, 5, 6, 2, 5, 4, 6, 8, 11, 3, 7, 5, 5, 7, 3, 5, 2, 5, 7
- b) 2, 4, 4, 5, 6, 9, 5, 4, 6, 8, 10, 3, 7, 5, 5, 9, 3, 5, 2, 5, 7

5

1 km = _____ m
 300cm = _____ m
 10 cm = _____ mm

	3	6	1	9	4	5
+ 5						

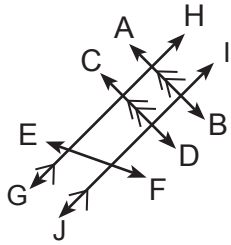
6 $47.43 - 16.2 =$
 Check with the inverse operation.

7 Complete the pattern.
 12, 20, 28, 36, _____, _____, _____
 The rule for this sequence is _____.

8 Which of these numbers have 6 as a factor?
 123 404 621 516 840
 How do you know?

Name _____

9

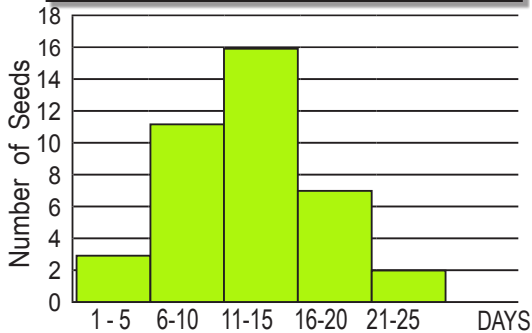


Name all the lines that:

- a) intersect with \overleftrightarrow{GH} .
- b) are perpendicular to \overleftrightarrow{IJ} .

10

Germination Rates of Bean Seeds



Use information from the histogram to complete the table.

DAYS	1-5	6-10	11-15		21-25
Seeds	3				2

	12	14	7	15	13	10
- 7						

11

$$\frac{8}{9} + \frac{1}{3} =$$

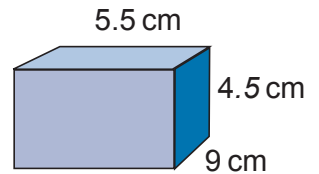
12

Make true using =, <, >:

$$\frac{2}{3} \bigcirc \frac{3}{5}$$

13

What is the volume of this rectangular prism?



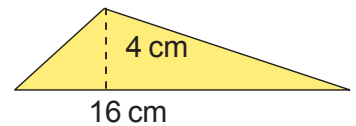
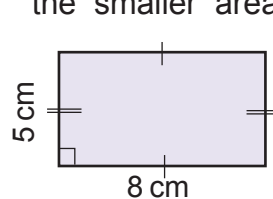
HINT: $V = l \times b \times h$

14

- A pentagon has _____ sides.
- A polygon has _____ sides.
- An octagon has _____ sides.
- A hexagon has _____ sides.
- A heptagon has _____ sides.

15

Which shape has the smaller area?



Name _____

	12	8	9	6	5	7
x 4						

1 $1.6 \div 2 =$
Check with the inverse operation.

2 Arrange in order from largest to smallest:
-16, 11, -13, -19, 15

3 $40\% = 0.\underline{\quad} = \frac{\quad}{100} = \frac{\quad}{5}$

4 $17 + m = 28$
 $m =$

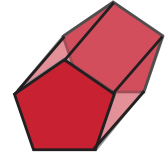
5 Bob's golf scores were:

76, 77, 85, 84, 102, 71, 79

a) What is his median score?
b) What is his mean score?

6 The base of this prism is a _____.

This prism has:
_____ vertices
_____ edges
_____ faces



	56	80	32	48	72	40
$\div 8$						

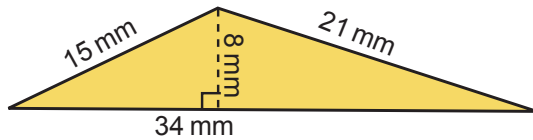
7 $\frac{4}{9} \times \frac{3}{8} =$

8 Our school has four maths teachers for 240 students. What is the ratio of students to maths teachers at our school?

9 If $m = 2$, what is the value of $3(m^3 + 7)$?

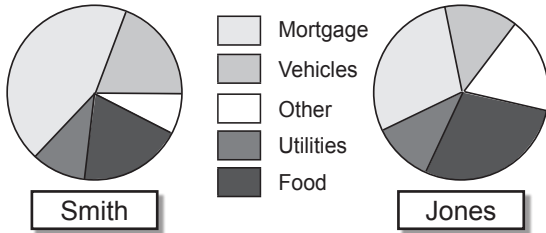
Name _____

- 10 Find the perimeter (P) and the area (A) of the triangle.



11

ANNUAL FAMILY SPENDING



- a) Can you tell which family spends more on food?
 b) Can you tell how much the families spend on food?

	6	8	9	7	4	5
+ 4						

12 $97.04 - 53.2 =$

Check with the inverse operation.

13

- List all the common factors of 36 and 48.

14

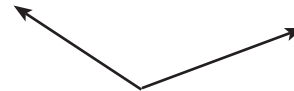
For this circle find:

- a) diameter
 b) circumference
 c) area



$C = 2\pi r$ $A = \pi r^2$ Use $\pi = \frac{22}{7}$

15



- a) Estimate if the size of this angle is closer to 89° or 109° .
 b) This is _____ angle.

(*an acute* *a right* *an obtuse*)

16

Belinda enters a lift on the third floor. She goes up four floors. Then she goes down six floors. She then goes up seven floors and is at the top of the building. How many floors does the building have?

Name _____

	13	10	15	7	9	12
- 4						

1 $\frac{3}{5} + \frac{2}{3} =$

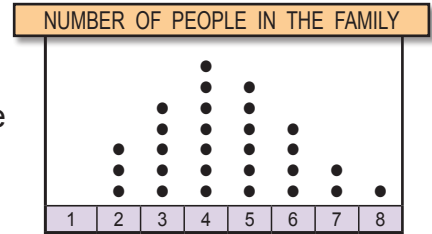
2 Which of these numbers are divisible by 9? How do you know?

342 684 854 5841

3 $2 \times 3 + 3 \times 5 - 2 =$

4 $2 \text{ km} = \underline{\hspace{2cm}} \text{ m}$
 $40 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

5 Which tally chart matches the line plot?



Family	2	3	4	5	6	7	8
Tally A	III	IIII	IIII II	IIII I	IIII	II	I
Tally B	II	IIII I	IIII III	IIII II	IIII	III	I

	7	5	10	4	11	6
x 9						

6 $0.25 \div 5 =$
 Check with the inverse operation.

7 $\underline{\hspace{1cm}}\% = 0.17 = \frac{\hspace{1cm}}{100}$

8 Draw two sets of parallel lines that are perpendicular. Label them MN and RS and AB and CD.

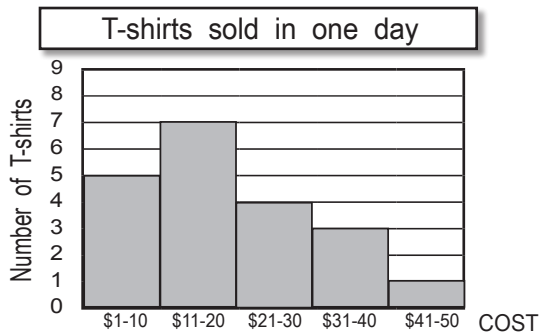
Name _____

9 Complete the pattern.

50, 45, 40, 35, _____, _____, _____

The rule for this sequence is _____.

10



Use information from the histogram to complete the table.

COST	\$1-10	\$11-20			\$41-50
T-shirts	5			3	1

	72	27	54	99	108	36
÷ 9						

11 $\frac{5}{8} \times \frac{4}{15} =$

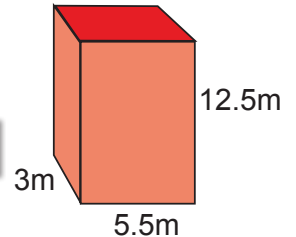
12

There are 9 girls in Irene's Girl Guide troop. This year they sold 1200 boxes of biscuits. What is the ratio of boxes sold to girls in Irene's troop?

13

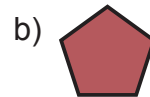
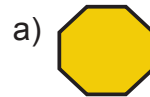
What is the volume of this rectangular prism?

HINT: $V = l \times b \times h$



14

Name the shapes.



15

Fill in the missing digits. No digit is repeated.

	5	7	<input type="text"/>
+	<input type="text"/>	<input type="text"/>	2
<hr/>			
	9	<input type="text"/>	8