

# MONDAY

## Patterning and Algebra

1.  $4 \times a = 52$

$a = 13$

$$\begin{array}{r} 13 \\ 4 \overline{)52} \\ \underline{-4} \phantom{0} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

2. What is the rule for the following pattern?

50, 100, 200, 400, 800

$\times 2$

3. Is this a growing, shrinking or repeating pattern?

65, 64, 62, 59, 55, 50

$-1 \quad -2 \quad -3 \quad -4 \quad -5$

shrinking

4. Complete the following pattern:

100, 89, 78, 67, 56, 45

$-11 \quad -11 \quad -11 \quad -11 \quad -11$

5. Which pair of numbers best completes the equation?

$\boxed{120} \times 10 = \boxed{1200}$

A. 120 and 1200

$120 \times 10 = 1200$

B. 1.2 and 120

$1.2 \times 10 = 12$

C. 0.12 and 12

$0.12 \times 10 = 1.2$

# TUESDAY

## Number Sense

1. What is the greatest number you can make from these digits:

3 7 4 1

7431

2. Add:  $87.4 + 34.8$

line up the decimals!

$$\begin{array}{r} 87.4 \\ + 34.8 \\ \hline 122.2 \end{array}$$

3. Write 29 879 in words.

Twenty-nine thousand

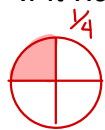
eight hundred seventy-nine

4. Write the following in standard form:

$20000 + 3000 + 100 + 9 + 0.4$

23109.4

5. Adam ate one quarter of his mom's apple pie. If it had twelve pieces, how many pieces did he eat?



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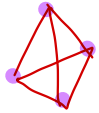


3 pieces

# WEDNESDAY

## Geometry

1. How many vertices does a triangular-based pyramid have?



4 vertices

2. Name a shape that is not a polygon. → shapes with curves or uneven sides + angles

circle, oval, irregular shapes with curves

3. Name two shapes with less than 5 sides.

3 or 4 sided shapes

rectangle

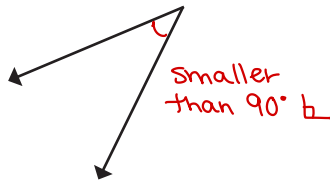
square

trapezoid

triangle

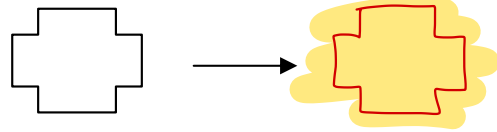
rhombus

5. Classify the angle.



acute

4. Slide this shape to the right.



# THURSDAY

## Measurement

1. How many decades in 7 centuries?

1 century = 10 decades

$$7 \times 10 = 70 \text{ decades}$$

1. How many seconds are in 21 minutes?

1 minute = 60 seconds

$$21 \times 60 = 1260 \text{ seconds}$$

	20	1
60	1200	60
0	0	0
	1200	
	+	60
		1260

2. What unit of measurement would you use to find the temperature outside?

celcius

3. 301 dm = 30,100 mm

$$1 \text{ dm} = 100 \text{ mm}$$

$$301 \times 100 = 30100$$

4. What is the perimeter and area of Mr. Levy's field? It measures 40 m wide and 12 m long.








$$\text{Perimeter} = \text{outside} = 40 + 12 + 40 + 12 = 104 \text{ m}$$


$$\text{Area} = \text{inside} = 40 \times 12 = 480 \text{ m}^2$$

	10	2
40	400	80
	+	80
		480

Samantha's baseball team sold popsicles at all the league games to raise money for their team. The chart below shows how many popsicles they sold at each game.

Game	Popsicles Sold
Game 1	 $3 \times 5 = 15$
Game 2	 $5 \times 5 = 25$
Game 3	 $2 \times 5 = 10$
Game 4	 $6 \times 5 = 30$
Game 5	 $4 \times 5 = 20$

1. How many popsicles did they sell all season? 100

 = 5 popsicles

2. During which game did they sell the most? Game 4

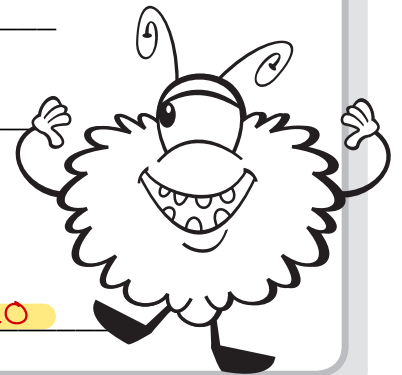
3. How many did they sell? 30

4. At which game did they sell the least? Game 3

5. What is the range of the data?  $30 - 10 = 20$

6. What is the mean amount of popsicles sold in the season? 20

~~10, 15, 20, 25, 30~~



## BRAIN STRETCH



At the school bake sale, Class A sold 11 dozen cookies and Class B sold 17 dozen cookies. How many more cookies did Class B sell?

dozen = 12

Class A  $\rightarrow 11 \times 12 = 132$

Class B  $\rightarrow 17 \times 12 = 204$

$\begin{array}{r} 204 \\ - 132 \\ \hline 72 \\ \text{more} \end{array}$

$17 \text{ dozen} - 11 \text{ dozen} = 6 \text{ dozen}$

$6 \times 12 = 72$