

# MONDAY

## Patterning and Algebra

1.  $56 \div b = 7$

$b = \underline{8}$

2. Write the first three numbers for this pattern rule:

start at 91, add 7

**91, 98, 105, 112**

3. What is the rule for the following pattern?

7, 14, 21, 28, 35, 42

**+7**

4. What will be the 19<sup>th</sup> number in this pattern?

25, 30, 35, 40, 45, 50

**115**

5. Which pair of numbers best completes the equation?

**8.5** X 100 = **850**

**A.** 8.5 and 850

B. 8.5 and 8500

C. 85 and 850

# TUESDAY

## Number Sense

1. Write  $<$ ,  $>$  or  $=$  to make the expression true.

5541 **>** 5514

2. Round this number to the nearest hundred.

123 455

**123500**

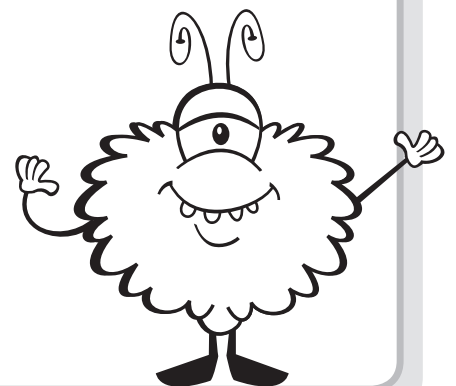
3. Orchard Park Elementary School has 89 primary students, 97 junior students and 67 intermediate students. How many students are at the school altogether?

**89**  
**97**  
**+ 67**  
**253**

**253 students**

4. Multiply:  $11 \times 82$

**82**  
**x 11**  
**82**  
**+ 820**  
**902**



5. Put the following numbers in order from least to greatest.

6.6,  $6\frac{1}{2}$ ,  $6\frac{1}{4}$

**$6\frac{1}{4}$ ,  $6\frac{1}{2}$ , 6.6**

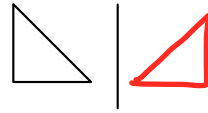
# WEDNESDAY

## Geometry

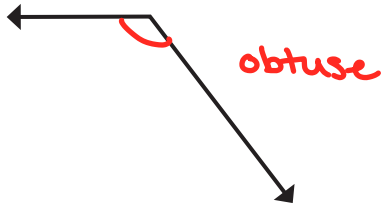
1. What is a pentagon?

a 5-sided polygon

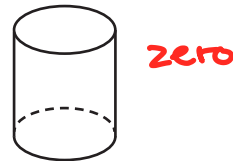
2. Reflect this shape.



3. Classify the angle.

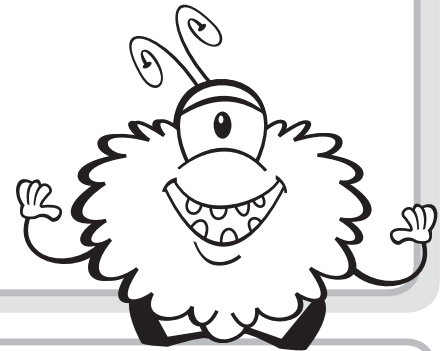


4. How many edges does a cylinder have?



5. What 3D figure does this object look like?

cone



# THURSDAY

## Measurement

1. How many seconds in 30 minutes?

60 seconds = 1 minute

$60 \times 30 = 1800$  seconds

2.  $5.4 \text{ cm} = \underline{0.54} \text{ dm}$

$1 \text{ dm} = 10 \text{ cm}$

$5.4 \div 10 = 0.54$

3. What device or tool would you use to measure the width of a pencil?

ruler

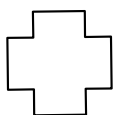
4. How many hours in 12 days?

$1 \text{ day} = 24 \text{ hrs}$

$12 \times 24 = 288 \text{ hrs}$

$$\begin{array}{r} 12 \\ \times 24 \\ \hline 48 \\ + 240 \\ \hline 288 \end{array}$$

5. Choose the shape that would be the best unit to measure this area.



A.



B.



C.



Each Friday, Mrs. Boffo draws a name from a prize jar and awards one of her students for their class participation. To get their name in the jar, students have to complete their work and participate in class activities. This Friday, the jar had 30 slips:

Liam - 5 slips, Kate - 15 slips, Mark - 3 slips, Julia - 7 slips

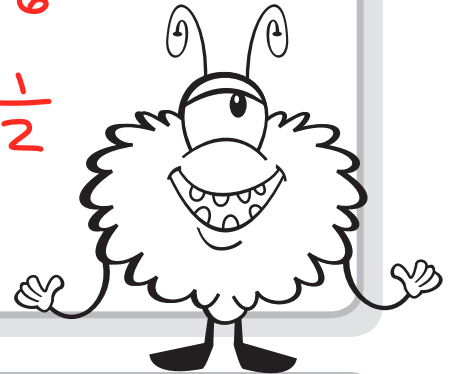
1. Who has the greatest probability of being chosen? Kate

2. Who has the least probability of being chosen? Mark

3. What is the probability of Liam being chosen?  $\frac{5}{30} \rightarrow \frac{1}{6}$

4. What is the probability of Kate being chosen?  $\frac{15}{30} \rightarrow \frac{1}{2}$

5. What is the probability of Julia being chosen?  $\frac{7}{30}$



## BRAIN STRETCH



Lisa has to travel 763 km to visit her grandparents. She can drive on the highway at a speed of 100km/h or she can take the country roads and drive at 60 km/h.

a) How long will it take her to get to her grandparents' house if she takes the highway?

$$763 \div 100 = 7.63 \text{ hrs}$$

b) How long will it take her to get to her destination if she takes the country roads?

$$763 \div 60 = 12.72 \text{ hrs}$$

c) Why might she choose the slower option?

Safer, more scenic