MONDAY Patterning and Algebra

1. What is the rule for the following pattern?

   2, 20, 200, 2000, 20000

   x 10 each time

2. $125 - a = 58$

   $a =$ 67

   0 1 1
   125
   - 58
   67

3. Complete the pattern:

   17, 18, 20, 23, 27, 32, 38
   +1 +2 +3 +4 +5 +6

4. What will be the 10th number in this pattern?

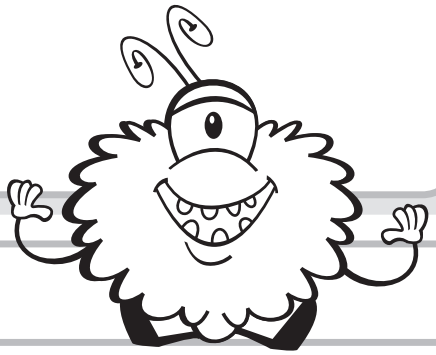
   79, 77, 75, 73, 71

   61

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

   112,124,136,148

   growing



TUESDAY Number Sense

1. Write 1011 in words.

   one thousand eleven

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

   3197 [<] 3791

3. Multiply: 167 x 30

   2 2
   167
   x 30
   5010

4. Trisha wants to bring cookies to share with her 27 classmates. If a package has 12 cookies, how many packs does he need to bring?

   She needs 3 packs

   2 R3
   12 | 27
   -24
   3

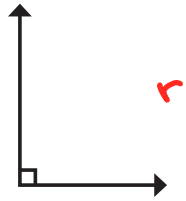
5. Write the following in standard form:

   3000 + 100 + 4 + 0.9 + 0.07

   3104.97

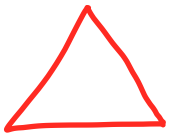
WEDNESDAY Geometry

1. Classify this angle.

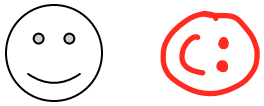


right

2. Draw an acute triangle.



3. Rotate this shape 90 degrees.



4. Measure this angle.

5. How many sides does a decagon have? 10

THURSDAY Measurement

1. Mary's paper route takes her about 1 hour and 10 minutes each day. How long does she spend delivering papers in a week?

1 h 10 m × 7 days

7 h 70 m ➡ 8 h 10 m

2. What unit of measurement would you use to find the duration of a soccer game?

minutes or hours

3. 64 mm= 6.4 cm

10 mm = 1 cm

64 ÷ 10 = 6.4

4. How many weeks are there in four years?

52 weeks = 1 year

52 × 4 = 208 weeks

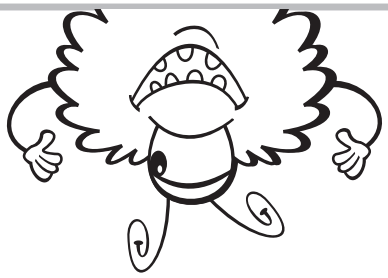
5. How many days in 5 years?

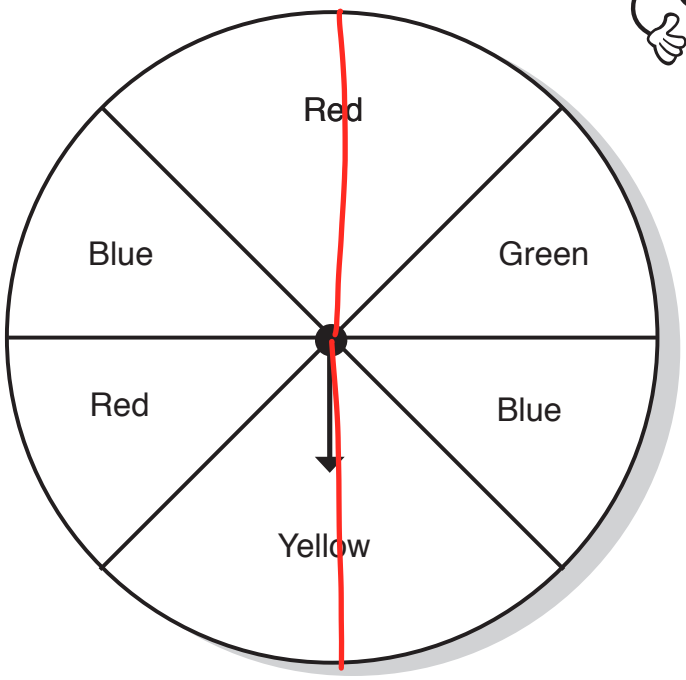
365 days = 1 year

$$\begin{array}{r} {}^{3}{}^{2}365 \\ \times \quad 5 \\ \hline 1825 \text{ days} \end{array}$$

FRIDAY Data Management

Use the spinner below to answer the questions that follow.





Red = 3
Yellow = 2
Blue = 2
Green = 1

1. What colour are you most likely to land on? Red
2. What colour are you least likely to land on? Green
3. What is the probability that you will land on green? $\frac{1}{8}$
4. What is the probability that you will land on yellow? $\frac{2}{8} = \frac{1}{4}$
5. What is the probability that you will land on blue? $\frac{2}{8} = \frac{1}{4}$

BRAIN STRETCH

Brian rides 2.6 km to and 2.6 km from school every day. How many kilometers will he ride in a week?

$2.6 + 2.6 = 5.2$ km/day

$5.2 \times 7 = 36.4$ km/week