

# Scavenger Hunt Rules

Name: \_\_\_\_\_

Problem on card A

Problem on card B

Problem on card C

Problem on card D

Problem on card E

Problem on card F

C

3

—

28

$$\frac{9}{10} \div \frac{1}{5}$$



# A



The sum of the probabilities  
of complementary events.



-OR-



The product of reciprocals.

# B

Use the benchmarks 0,  $\frac{1}{2}$ , and 1 to estimate the value of the expression below.

$$\frac{1}{8} + \frac{7}{12} + \frac{8}{9} - \frac{2}{13}$$



# C

$$\frac{9}{10} \div \frac{1}{5}$$



D

Consider the spinner below.  
What is the probability of  
spinning twice and getting  
Frankenstein then Dracula?



E

$$2\frac{1}{2} \times 1\frac{3}{5}$$



# F

George has a 28 ounces of chocolate icing. If each werewolf cupcake takes  $\frac{2}{3}$  ounces of chocolate icing to make, how many cupcakes can George make?



# G

3 vampire ducks, 2 witch ducks, 2 Frankenstein ducks, and 1 ghost duck are placed inside a hollow pumpkin. If Julianna randomly picks a duck from the pumpkin, then picks another duck at random, without replacing the first duck she picked, what is the probability that she will pick two vampire ducks?





# H

Find the difference shown below:

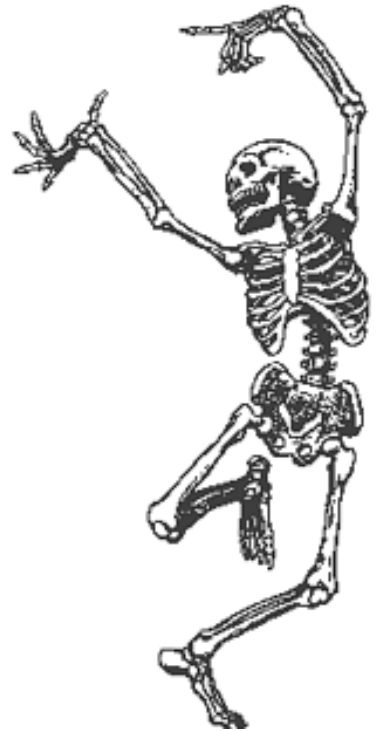
$$\left(\text{the reciprocal of } \frac{1}{2}\right) - \left(\text{the reciprocal of } \frac{2}{3}\right)$$



# I

Round the the nearest whole and use compatible numbers to estimate this quotient:

$$33\frac{2}{3} \div 7\frac{2}{5}$$



# J

Jason wants to make 8 huge spider legs for a Halloween costume. Each

leg requires  $2\frac{7}{12}$  feet of material.

How much material does Jason need?



# K

Sofia had  $4\frac{1}{8}$  sweet potato pies  
leftover after Thanksgiving. That  
night, her dog Duke ate  $2\frac{3}{4}$  of the

leftover pies.  
How much pie  
remained?



# L

| Zombie   | Height (ft)      |
|----------|------------------|
| Angry    | $5\frac{1}{6}$   |
| Howling  | 6                |
| Haunting | $4\frac{11}{12}$ |
| Creepy   | $5\frac{3}{4}$   |
| Scary    | $5\frac{1}{4}$   |

If Scary Zombie stood on a pumpkin that was  $1\frac{5}{6}$  feet high, how far would the top of his head be from the ground?

