

Name: _____		Rotation: _____
Find the equivalent for the fraction/decimal/percent.		#6
Fractions	Decimal	Percent
		6%
	3.48	
$\frac{5}{8}$		
Use lined paper to complete the following questions, if needed.		
Convert the improper fractions to mixed numbers. $\frac{40}{12}$	Convert the mixed numbers to improper fractions. $4 \frac{1}{4}$	Place the decimal in the correct place in the product. $\begin{array}{r} 34.4 \\ \times 0.02 \\ \hline 0688 \end{array}$
$\frac{14}{4}$	$7 \frac{4}{7}$	Draw a heptagon inside an octagon.



AMAZING SPEED FACTS

You probably never timed a roller coaster, an elevator, or the hand on a wristwatch! But somebody has! Here are some surprising facts about the speed of things. The numbers are in miles per hour. Read the speeds of each of these unusual things and answer the questions about place value below each fact.

STATEMENT**SPEED (mph)**

1. The tip of a $\frac{1}{3}$ inch long hour hand on a wristwatch. a. What is the place-value position of the 2? _____ b. What is the place-value position of the 7? _____ c. What is the place-value position of the 5? _____	0.00000275
2. The average ground speed of the three-toed sloth. a. What is the place-value position of the 8? _____ b. What is the place-value position of the 9? _____	0.098
3. A brisk walking pace for a human. a. What is the place-value position of the 5? _____ b. What is the place-value position of the 7? _____ c. What is the place-value position of the 3? _____	3.75
4. The average speed of Roger Bannister during his 4-minute mile. a. What is the place-value position of the 1? _____ b. What is the place-value position of the 5? _____	15
5. The fastest passenger elevator. What is the place-value position of the 7? _____	22.72
6. The Beast roller coaster at King's Island. What is the place-value position of the 4? _____	64.77
7. The fastest bird in level flight, the white-throated spine-tailed swift. What is the place-value position of the 5? _____	106.25
8. Speed of ball in world's fastest recorded pitch by Nolan Ryan on August 20, 1974. What is the place-value position of the 9? _____	100.9
9. The speed reached by the space shuttle Columbia on its first flight approximately 9 minutes after takeoff. What is the place-value position of the 7? _____	16,700
10. The speed of light. What is the place-value position of the 7? _____	670,251,600

Name _____