



Warm-Up 1

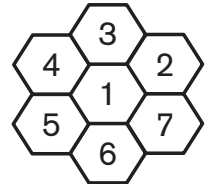
1. _____ years A time capsule was sealed in 1940 and will be opened on the same date in 2017. How long will the capsule remain sealed?

2. _____ large
paper clips



The length of 5 small paper clips is equal to the length of 2 large paper clips. The length of 8 small paper clips is equivalent to the length of how many large paper clips? Express your answer as a mixed number.

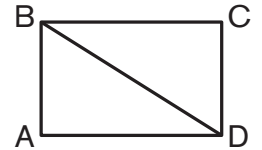
3. _____ paths In the figure shown, if no cell may be visited more than once and not every cell must be visited, how many paths start in cell 1 and end in cell 7?



4. _____ What is the value of $4 \div \frac{2}{3} - 5$?

5. _____ What is the absolute difference between $\frac{1}{2}$ and $\frac{1}{3}$? Express your answer as a common fraction.

6. _____ cm If the perimeter of rectangle ABCD is 34 cm and $AB = 5$ cm, what is the perimeter of $\triangle ABD$?



7. _____ Harvey has a fair eight-sided die that has a different number from 1 to 8 on each side. If he rolls this die twice, what is the probability that the second number rolled is greater than or equal to the first number? Express your answer as a common fraction.



8. _____ In scientific notation, what is the product of 1.2×10^3 and 1.4×10^2 ? Express your answer to two significant figures.

9. _____ When the integer n is squared, the result is less than 150. What is the sum of all possible values of n ?

10. \$ _____ Minnie paid a one-time registration fee of \$30 for dance lessons. Additionally, she paid \$20 per lesson. If she took seven lessons, how much did she pay altogether?

