

**Directions:** Choose only one problem from the three below to complete.

Circle the number beside the problem you choose.

Be sure to identify the answer.

Show the work you did to get the answer, and **the review** of your concepts, strategies, & calculations.

1.  
S/P Alex had a bag filled with colored tiles. It contained: 4 red tiles, half as many green tiles as red tiles, 8 purple tiles, twice as many blue tiles as purple tiles, and 3 times as many yellow tiles as green tiles. If Alex reached into his bag and pulled out 1 tile without looking, what is the probability that he will pull out a yellow tile?
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2.  
G Shelby is planting flowers in her garden by scattering seeds evenly over an area. The packages of seed she will use cover an area of 4 feet by 6 feet. Her garden measures 16 feet by 30 feet. How many packages of seeds will she need to use?
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3.  
A The radius of a circle is 5 inches, the diameter is 10 inches, and the circumference is 31.5 inches. The second circle has a radius of 5.5 inches, a diameter of 11 inches, a circumference of 34.5 inches. The third circle has a radius of 6 inches, a diameter of 12 inches and a circumference of 37.5 inches. What will be the diameter and circumference of a circle, which has a radius of 9 inches?

