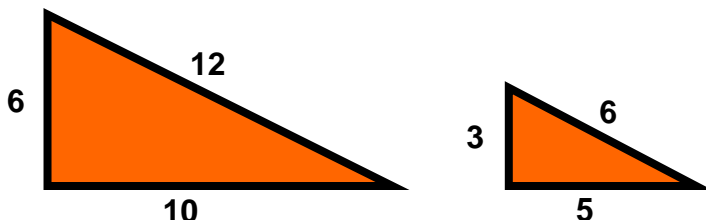


Math Mod 6 Practice Test

<http://school.discovery.com/quizzes19/mrmillsap/Mod6MathPractice.html>

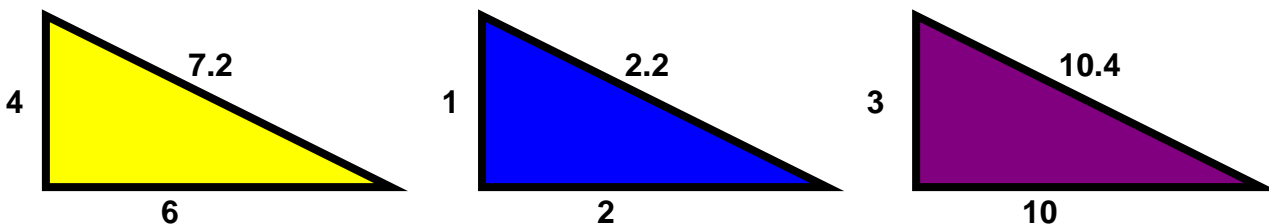
- Look at the two triangles shown above. What are the three ways you can write the ratio of the perimeter of triangle A to the perimeter of triangle B?



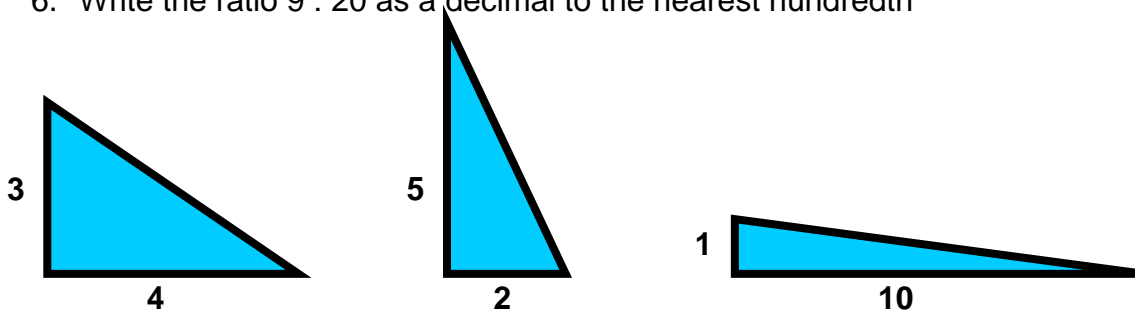
- Tell whether the following ratios are equivalent: $8/6$ and $4/2$
- Tell whether the following ratios are equivalent: $536 : 8$ and $67 : 1$

Silver (oz.)	3	6	9	12	15
Cost (\$)			\$18		

- Nevada is called the “Silver State” because of how much silver has been mined here. Complete the table above to answer this question: How much does 15 oz. of silver cost, and how much does \$10.20 of silver weigh?



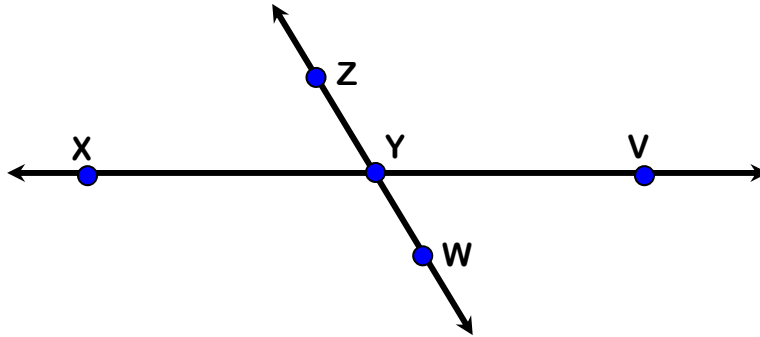
- Which of the triangles above have a base to height ratio of 3:2?
- Write the ratio $9 : 20$ as a decimal to the nearest hundredth



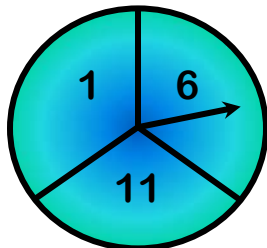
- Look at the three blue triangles above. Write each base to height ratio as a decimal, and then answer this fill-in-the-blank question: The smaller the

ratio the _____ and _____ the triangle will be; the larger the ratio the _____ and _____ the triangle will be.

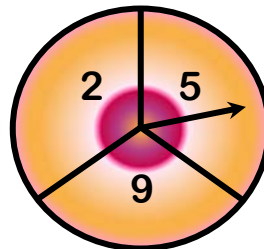
8. Find the missing term in this proportion $\rightarrow 5 : 6 = z : 54$
9. On a scale map, 4 inches represents 48 miles. To the nearest mile, how many miles are represented by 7 inches?



10. Looking at a protractor, estimate the measure of angle $Z Y V$ in the drawing above.
11. What is 75% of 84?
12. Michael scored in about 23% of the 36 soccer games in which he played. Use a “nice” fraction (such as $1/4$, $1/2$, or $3/4$) to estimate in how many games he scored.



Angie



Rita

13. Angie and Rita are going to play Dueling Spinners with the spinners shown above. The one who spins the highest number wins. Make a tree diagram and find the probability (to the nearest whole percent) that Angie will beat Rita.