

Word Problems (Sect. 3.2)

1. Each day a bakery makes 3 times as many cookies as it does muffins. Today the bakery made 87 cookies. How many muffins did the bakery make today?
2. If you have a \$240 giftcard and you want to buy two pairs of pants that are \$45 each and as many pairs of socks that are \$15 each that you can. How many pairs of socks can you buy? (Ignoring sales tax.)
3. If a plane flies at a constant speed of 400 mph, how long will it take to fly 2200 miles?
4. Two trains leave from the same place in Seattle at the same time. One heads north at a speed of 60 mph and the other heads south at a speed of 50 mph. When will the two trains be 165 miles apart?
5. The flight distance between Seattle and New York City is 2400 miles. If you fly from Seattle to NYC (West to East), the flight is 5 hours long. If you fly from NYC to Seattle (East to West,) the flight is 6 hours long. How much faster does the plane travel when it flies from Seattle to NYC?

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