

VERSATILES

Solve each problem below. Record your answers using the versatiles, and call me over when you have finished so that I can check your work! Round ALL answers to the nearest WHOLE number.

<p>1. Three months ago, Santos could walk 2 miles in 40 minutes. Today he can walk 2 miles in 25 minutes. What is the percent change?</p>	<p>2. A pair of shoes was priced \$35, but were on sale for \$25. What is the percent of discount?</p>	<p>3. Last year the enrollment at Genoa Middle School was 465 students. This year the enrollment is 525. What is the percent change?</p>
<p>4. Last year Mr. Lucas was 68 inches tall, but this year he is only 65 inches (he is shrinking!!).</p>	<p>5. What is the percent change in the price of a coat that was originally priced \$90 and is now</p>	<p>6. Last week I spent 64 minutes on the phone with my BFF. But this week we only talked</p>

<p><i>What is the percent decrease in his height?</i></p>	<p><i>\$72.</i></p>	<p><i>for 43 minutes. What is the percent change?</i></p>
<p><i>7. In November my mile time was 9.4 minutes, but now it is 7.8 minutes. What is the percent decrease in my time?</i></p>	<p><i>8. What is the percent change in the weight of a puppy that was 6 ounces at birth and is now 96 ounces?</i></p>	<p><i>9. It took me 35 seconds to type problem number 7, but only 30 seconds to type problem 8. What was the percent decrease in my typing time?</i></p>
<p><i>10. A child grew from</i></p>	<p><i>11. A savings account</i></p>	<p><i>12. In 1970 the gas was</i></p>

<p>54 inches to 60 inches in 1 year. What is the percent change?</p>	<p>increased from \$500 to \$550 in 6 months. What was the percent increase?</p>	<p>\$1.70 and in 2010 it was \$2.95. What is the percent increase in the price?</p>
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ANSWER BOX:

A 13	B 10	C 4	D 11	E 33	F 1500
G 20	H 14	I 17	J 38	K 74	L 29

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Solve each problem below. Record your answers using the versatiles, and call me over when you have finished so that I can check your work! Round ALL answers to the nearest WHOLE number.

<p>1. A popular brand of running shoes costs a local store \$68 for each pair. If the store sells the shoes for \$119, what is the percent of increase in the price?</p>	<p>2. Last year the backgammon club had 30 members. This year the club has 24 members. Find the percent of decrease in the number of members.</p>	<p>3. In the seventh grade, Rachel read 15 books. In the eighth grade, she read 22 books. Find the percent of increase in the number of books Rachel read.</p>
<p>4. Last year 762 students voted in the student council election at San Bruno Middle School. This year 721 students voted. What was the percent of change in the number of students that voted to the nearest tenth?</p>	<p>5. When Ricardo was 9 years old, he was 56 inches tall. Ricardo is now 12 years old and he is 62 inches tall. Find the percent of increase in Ricardo's height to the nearest tenth.</p>	<p>6. Alicia planted 45 tulip bulbs last year. This year she plans to plant 65 bulbs. Find the percent of increase in the number of tulip bulbs to the nearest tenth.</p>
<p>7. The 2008 yearbook at Middleton Middle School had 236 candid pictures of students. The 2007 yearbook had 214 candid pictures of students. What was the percent of change in the number of candid student pictures from 2007 to 2008 to the nearest tenth?</p>	<p>8. In 2000, Florida's population was 15.9 million. In 2008, the population was estimated to be 18.8 million. Find the percent of increase to the nearest whole number.</p>	<p>9. Recent developments in surgical procedures change the average healing time for some operations from 8 weeks to 3 weeks.</p>
<p>10. What is the percent change in the number of trees on a farm that started with 62 and now has 31?</p>	<p>11. Yusuf bought a DVD player for \$280, now it is \$220. What is the percent decrease in the price?</p>	<p>12. The price of a radio was \$20, now it is on sale for \$15. What is the percent of change in the price?</p>

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ANSWER BOX:

A 25	B 18	C 47	D 63	E 10	F 50
G 44	H 20	I 21	J 11	K 5	L 75