

Percent: Skill 5 - 27C

The answer to test question 27C is 22.5 as shown below.

Find the percent of a number.

Find 75% of 30	Rewrite 75% as a decimal. $75\% = 0.75$	Multiply. $0.75 \times 30 = 22.5$ $75\% \text{ of } 30 = 22.5$
----------------	--	--

Or, you can find a percent by converting the percent to a fraction.

1. Find 75% of 30.	2. Rewrite the percent as a fraction. $75\% = \frac{75}{100}$	3. Simplify. $\frac{75}{100} = \frac{75 \div 25}{100 \div 25} = \frac{3}{4}$
-----------------------	--	---

4. Multiply $\frac{3}{4} \times \frac{30}{1} = \frac{90}{4}$	5. Divide $\frac{90}{4} = 22.5$	6. $75\% \text{ of } 30 = 22.5$
---	------------------------------------	------------------------------------

Directions: Find the percent of each number. The first one is done for you.

1. 125% of 55	Rewrite the percent as a decimal. $125\% = 1.25$	Multiply. $\begin{array}{r} 1.25 \\ \times 55 \\ \hline 68.75 \end{array}$	Answer. $125\% \text{ of } 55 = 68.75$
---------------	---	---	---

2. 12% of 50 Rewrite the percent as a decimal. _____	Multiply. (as shown above)	The answer is: _____
--	----------------------------	-----------------------------

3. 10% of 50 Rewrite the percent as a decimal. _____	Multiply.	Answer. _____
--	-----------	----------------------

Name _____

Date _____

Page 2

Percent: Skill 5 - 27C

Directions: Find the percent of each number.

4. 100% of 50

5. 30% of 25

6. 42% of 30

7. 125% of 25

8. 60% of \$3.25

9. 115% of 50

10. 150% of 225

11. 18% of 200

Name _____

Date _____

Page 3

Percent: Skill 5 - 27C**Directions:** Find the percent of each number.**12.** 42% of 65**13.** 25% of \$4.40**14.** 60% of 12**15.** 75% of 150**16.** 85% of 100**17.** 100% of 83**18.** 150% of 16**19.** 4% of 20

Answer Key 5-27C

2. 12% of 50 = 6	3. 10% of 50 = 5	4. 100% of 50 = 50
5. 30% of 25 = 7.5	6. 42% of 30 = 12.6	7. 125% of 25 = 31.25 $\begin{array}{r} 1.25 \\ \times 25 \\ \hline 31.25 \end{array}$
8. 60% of \$3.25 = \$1.95	9. 115% of 50 = 57.5	10. 150% of 225 = 337.5 $\begin{array}{r} 225 \\ \times 1.50 \\ \hline 337.50 \end{array}$
11. 18% of 200 = 36	12. 42% of 65 = 27.3	13. 25% of \$4.40 = \$1.10 $\begin{array}{r} \$4.40 \\ \times 0.25 \\ \hline \$1.10 \end{array}$
14. 60% of 12 = 7.2	15. 75% of 150 = 112.5	16. 85% of 100 = 85
17. 100% of 83 = 83	18. 150% of 16 = 24	19. 4% of 20 = 0.8