

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**BLM 4-7**

## Section 4.3 Extra Practice

For #1 to #5, calculate the following percents of each amount:

**a)** 10%

**b)** 5%

**c)** 15%

	<b>a) 10%</b>	<b>b) 5%</b>	<b>c) 15%</b>
Example: \$15	10% is $\frac{1}{10}$ Divide by 10 $\$15 \div 10 = \$1.50$	5% is half of 10% $\$1.50 \div 2 = \$0.75$	$15\% = 10\% + 5\%$ $= \$1.50 + \$0.75$ $= \$2.25$
<b>1.</b> \$12			
<b>2.</b> \$45			
<b>3.</b> \$1.60			
<b>4.</b> \$120			
<b>5.</b> \$426			

For #6 to #11, calculate 15% of each amount. Show your steps.

**6.** \$14

**7.** \$25

**8.** \$2.20

**9.** \$68

**10.** \$185

**11.** \$846

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**BLM 4-7**  
(continued)

For #12 to #20, calculate each percent without using a calculator. Then explain your strategy for each one.

Percent	Mental Calculation	Strategy
Example: 35% of 20	25% of 20 = 5 10% of 20 = 2 35% of 20 = 7	I added 25% + 10%.
<b>12.</b> 20% of 16	10% of 16 = _____ 20% of 16 = _____	I _____.
<b>13.</b> 60% of 84	50% of 84 = _____ 10% of 84 = _____ 60% of 84 = _____	I _____.
<b>14.</b> 40% of 72	50% of 72 = _____ 10% of 72 = _____ 40% of 72 = _____	I _____.
<b>15.</b> 80% of 120	10% of 120 = _____ 80% of 120 = _____	I _____.
<b>16.</b> 75% of 320	25% of 320 = _____ 75% of 320 = _____	I _____.
<b>17.</b> 3% of 840	1% of 840 = _____ 3% of 840 = _____	I _____.
<b>18.</b> 9% of 370	10% of 370 = _____ 1% of 370 = _____ 9% of 370 = _____	I _____.
<b>19.</b> 66.6% of 36	33.3% of 36 = _____ 66.6% of 36 = _____	I _____.
<b>20.</b> 45% of 56	50% of 56 = _____ 5% of 56 = _____ 45% of 56 = _____	I _____.