Lesson 3.7 Finding Percents Using Fractions

35% of $60 = 35\% \times 60$

$= \frac{35}{100} \times 60$

$= \frac{7}{20} \times \frac{60}{1} = \frac{420}{20} = \frac{42}{2}$

$= 21$

40% of $32 =$

$40\% \times 32 = \frac{40}{100} \times 32$

$= \frac{2}{5} \times \frac{32}{1} = \frac{64}{5}$

$= 12\frac{4}{5}$

Complete the following. Write each answer in simplest form.

	a	b
1.	8% of $65 =$ _____	95% of $80 =$ _____
2.	30% of $32 =$ _____	25% of $28 =$ _____
3.	150% of $12 =$ _____	25% of $30 =$ _____
4.	28% of $7 =$ _____	10% of $38 =$ _____
5.	40% of $20 =$ _____	15% of $45 =$ _____
6.	80% of $80 =$ _____	20% of $75 =$ _____
7.	45% of $70 =$ _____	18% of $45 =$ _____
8.	4% of $92 =$ _____	16% of $90 =$ _____
9.	90% of $60 =$ _____	25% of $86 =$ _____
10.	12% of $40 =$ _____	9% of $60 =$ _____
11.	60% of $60 =$ _____	95% of $20 =$ _____
12.	21% of $50 =$ _____	3% of $25 =$ _____