

Review

1. Write as percentages, fractions, and decimals.

a. $44\% = \frac{\text{yellow}}{\text{yellow}} = \underline{\hspace{2cm}}$	b. $\underline{\hspace{1cm}}\% = \frac{7}{100} = \underline{\hspace{2cm}}$	c. $\underline{\hspace{1cm}}\% = \frac{\text{yellow}}{\text{yellow}} = 0.21$
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2. Write the fractions as percents. Use long division. Round the answers to the nearest tenth of a percent.

<p>a. Shaded: $\frac{\text{yellow}}{\text{yellow}} = \underline{\hspace{1cm}}\%$ Unshaded: $\frac{\text{yellow}}{\text{yellow}} = \underline{\hspace{1cm}}\%$</p>	<p>b. Shaded: $\frac{\text{yellow}}{\text{yellow}} = \underline{\hspace{1cm}}\%$ Unshaded: $\frac{\text{yellow}}{\text{yellow}} = \underline{\hspace{1cm}}\%$</p>
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3. Fill in the table. Use mental math.

Percentage / Number →	1,300	700	80	48	2.4
1% of the number					
3% of the number					
10% of the number					
25% of the number					

4. **a.** If $\frac{11}{20}$ of a certain parcel of land is wasteland, then what percentage of that land is wasteland?

b. The area of the parcel is $4,500 \text{ m}^2$. Calculate how many square meters of the land is wasteland.
5. What is the discount price if a \$16 wall calendar is discounted by 20% ?
6. John weighs 27 kg and Matthew weighs 45 kg.
What percentage of Matthew's weight is John's weight?
7. A chain store bought a shipment of 12,000 kg of red, yellow, and green apples. The apples were in a ratio of 2 : 1 : 2 (red to yellow to green).
 - a.** How many kilograms of apples are green?
 - b.** How many percent (by weight) of the apples are green?