

Extra Practice 1

Lesson 5.1: Relating Fractions, Decimals and Percents

- Write each percent as a fraction and as a decimal.
a) 24.5% b) $2\frac{4}{5}\%$ c) 73.25% d) $99\frac{3}{4}\%$
- Use a hundredths chart to represent 1%.
Shade the chart to represent each percent.
a) 0.3% b) 0.55% c) 0.04% d) 0.9%
e) 0.335% f) 0.5525% g) 0.0475% h) $\frac{1}{5}\%$
- Write each fraction as a decimal and as a percent.
a) $\frac{5}{200}$ b) $\frac{3}{150}$ c) $\frac{12}{500}$ d) $\frac{9}{300}$
e) $\frac{16}{400}$ f) $\frac{12}{250}$ g) $\frac{15}{600}$ h) $\frac{28}{800}$
- Write each percent as a fraction and as a decimal.
a) 0.7% b) 0.44% c) 0.15% d) 0.9%
e) 0.92% f) 0.27% g) 0.55% h) 0.36%
- Write each decimal as a fraction and as a percent.
a) 0.221 b) 0.003 c) 0.2225 d) 0.0095
e) 0.016 f) 0.375 g) 0.1875 h) 0.0031
- Elaine scored 19 out of 24 on her science test.
Addison had 81.25% on the same test.
Who did better?
How do you know?
- During a school tournament, Team A had 10 of its 12 team members present.
Team B had 13 of its 15 players present.
Which team had the lesser percent of its team present at the tournament?