

Fractions to Percentages

Video 126 on Corbettmaths

Examples

Workout



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Question 1: Convert the following fractions into percentages.

(a) $\frac{9}{50}$

(b) $\frac{3}{10}$

(c) $\frac{4}{5}$

(d) $\frac{12}{25}$

(e) $\frac{3}{4}$

(f) $\frac{9}{10}$

(g) $\frac{36}{50}$

(h) $\frac{13}{20}$

(i) $\frac{1}{5}$

(j) $\frac{3}{20}$

(k) $\frac{24}{25}$

(l) $\frac{7}{10}$

(m) $\frac{17}{20}$

(n) $\frac{13}{10}$

(o) $\frac{184}{200}$

(p) $\frac{39}{300}$

Question 2: Convert the following fractions into percentages.

(a) $\frac{3}{8}$

(b) $\frac{32}{40}$

(c) $\frac{13}{200}$

(d) $\frac{7}{8}$

(e) $\frac{7}{40}$

(f) $\frac{5}{8}$

(g) $\frac{48}{60}$

(h) $\frac{60}{400}$

(i) $\frac{171}{200}$

(j) $\frac{52}{80}$

(k) $\frac{19}{40}$

(l) $\frac{57}{40}$

Question 3: Convert the following fractions into percentages.

(a) $\frac{1}{8}$

(b) $\frac{17}{40}$

(c) $\frac{5}{16}$

(d) $\frac{53}{400}$

(e) $\frac{38}{125}$

(f) $\frac{15}{16}$

(g) $\frac{7}{32}$

(h) $\frac{10}{64}$

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Question 4: Convert the following fractions into percentages.

(a) $\frac{2}{3}$

(b) $\frac{4}{9}$

(c) $\frac{4}{15}$

(d) $\frac{5}{6}$

(e) $\frac{11}{30}$

(f) $\frac{7}{12}$

(g) $\frac{8}{33}$

(h) $\frac{2}{7}$

(i) $\frac{9}{22}$

(j) $\frac{5}{14}$

(k) $\frac{28}{45}$

(l) $\frac{19}{15}$

Apply

Question 1: There are 20 apples on a tree.
3 of the apples are bad.
What percentage of the apples are bad?



Question 2: James sat an English test.
He scored 39 out of 50.
What percentage did he get right?

Question 3: Helen takes 25 shots at basketball training.
She misses 7 shots.
What percentage of the shots did Helen miss?



Question 4: There are 40 passengers on a bus.
14 passengers are going to Newport.
What percentage of the passengers are going to Newport?

Question 5: Randalstown Rugby Club play 8 matches and win 7 of the matches.
What percentage of the matches did Randalstown win?

Question 6: Freddy sits a physics test.
He gets 38 out of 40 correct.
What percentage did he get right?



Question 7: There are 500 students at a school.
141 of the students study Spanish.
What percentage of the students study Spanish?



Question 8: There are 30 students in a class.
4 of the students are left handed.
What percentage of the students are right handed?

Answers



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