

Name: _____

Score: _____

Percent: 1 [A]



<input type="checkbox"/> % Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Percent:

Percent means "out of 100 parts" ("cent" refers to 100; think 100c = a dollar)

A percent is a number—it is a fraction, as it is a number of parts out of 100.

60 % is 60 out of 100. It is equal to the common fraction $\frac{60}{100}$ and the decimal fraction 0.60 or 0.6

Common and decimal fractions can be written as percentages. Of course in common fractions it is easiest if the denominator is 100.

0.34 or $\frac{34}{100}$ can be written as 34 %**Convert these percents to common fractions**

- | | |
|-----------------|------------------|
| 1) 50 % = _____ | 6) 5 % = _____ |
| 2) 34 % = _____ | 7) 48 % = _____ |
| 3) 75 % = _____ | 8) 10 % = _____ |
| 4) 67 % = _____ | 9) 1 % = _____ |
| 5) 18 % = _____ | 10) 95 % = _____ |

Convert these percents to decimals

- | | |
|------------------|------------------|
| 11) 25 % = _____ | 16) 9 % = _____ |
| 12) 15 % = _____ | 17) 2 % = _____ |
| 13) 20 % = _____ | 18) 68 % = _____ |
| 14) 70 % = _____ | 19) 11 % = _____ |
| 15) 39 % = _____ | 20) 99 % = _____ |

Convert these common fractions to percents

- | | |
|------------------------------|------------------------------|
| 21) $\frac{35}{100}$ = _____ | 26) $\frac{66}{100}$ = _____ |
| 22) $\frac{16}{100}$ = _____ | 27) $\frac{45}{100}$ = _____ |
| 23) $\frac{8}{100}$ = _____ | 28) $\frac{55}{100}$ = _____ |
| 24) $\frac{46}{100}$ = _____ | 29) $\frac{17}{100}$ = _____ |
| 25) $\frac{15}{100}$ = _____ | 30) $\frac{5}{100}$ = _____ |

Convert these decimals to percents

- | | |
|------------------|------------------|
| 31) 0.26 = _____ | 36) 0.27 = _____ |
| 32) 0.48 = _____ | 37) 0.89 = _____ |
| 33) 0.13 = _____ | 38) 0.80 = _____ |
| 34) 0.03 = _____ | 39) 0.98 = _____ |
| 35) 0.09 = _____ | 40) 0.44 = _____ |

Comparing fractions:

Change mixed numbers to improper then compare.

e.g: $2\frac{4}{5}$ $\frac{14}{5}$ $>$ $\frac{13}{5}$

Convert any fractions with different denominators to the same denominator, then compare.

 $\frac{3}{6}$ $\frac{6}{12}$ $<$ $\frac{7}{12}$ **Insert <, > or =**

- | | |
|---------------------------------------|--|
| 1) $\frac{16}{6}$ _____ $\frac{3}{6}$ | 5) $3\frac{1}{4}$ _____ $\frac{14}{4}$ |
| 2) $\frac{1}{4}$ _____ $\frac{1}{3}$ | 6) $\frac{5}{3}$ _____ $\frac{5}{4}$ |
| 3) $\frac{11}{4}$ _____ $\frac{7}{6}$ | 7) $3\frac{1}{4}$ _____ $\frac{11}{4}$ |
| 4) $\frac{1}{4}$ _____ $\frac{6}{4}$ | 8) $\frac{17}{6}$ _____ $\frac{9}{5}$ |

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: 1 [B]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) 55% = _____ 6) 6% = _____
 2) 33% = _____ 7) 42% = _____
 3) 7% = _____ 8) 12% = _____
 4) 60% = _____ 9) 4% = _____
 5) 11% = _____ 10) 99% = _____

Convert these percents to decimals

- 11) 22% = _____ 16) 6% = _____
 12) 19% = _____ 17) 8% = _____
 13) 29% = _____ 18) 61% = _____
 14) 75% = _____ 19) 13% = _____
 15) 35% = _____ 20) 91% = _____

Convert these common fractions to percents

- 21) $\frac{58}{100}$ = _____ 26) $\frac{62}{100}$ = _____
 22) $\frac{97}{100}$ = _____ 27) $\frac{40}{100}$ = _____
 23) $\frac{7}{100}$ = _____ 28) $\frac{58}{100}$ = _____
 24) $\frac{81}{100}$ = _____ 29) $\frac{12}{100}$ = _____
 25) $\frac{13}{100}$ = _____ 30) $\frac{1}{100}$ = _____

Convert these decimals to percents

- 31) 0.20 = _____ 36) 0.29 = _____
 32) 0.41 = _____ 37) 0.81 = _____
 33) 0 = _____ 38) 0.75 = _____
 34) 0.09 = _____ 39) 0.10 = _____
 35) 0.02 = _____ 40) 0.42 = _____

Insert <, > or =

- 1) $\frac{4}{6}$ _____ $\frac{1}{6}$ 4) $\frac{2}{3}$ _____ $\frac{1}{6}$ 7) $4\frac{1}{4}$ _____ $\frac{14}{4}$ 10) $\frac{3}{4}$ _____ $\frac{12}{5}$
 2) $\frac{5}{12}$ _____ $\frac{1}{6}$ 5) $2\frac{4}{8}$ _____ $\frac{22}{8}$ 8) $\frac{13}{5}$ _____ $\frac{11}{5}$ 11) $\frac{3}{5}$ _____ $\frac{14}{6}$
 3) $1\frac{4}{9}$ _____ $\frac{14}{9}$ 6) $\frac{2}{9}$ _____ $\frac{2}{3}$ 9) $\frac{2}{5}$ _____ $\frac{8}{5}$ 12) $\frac{10}{4}$ _____ $\frac{4}{3}$

Addition rainbow pairs to 10

- 13) _____ + 8 = 10 18) 8 + _____ = 10
 14) 10 + _____ = 10 19) 4 + 6 = _____
 15) 6 + _____ = 10 20) 9 + 1 = _____
 16) _____ + 4 = 10 21) 7 + _____ = 10
 17) _____ + 9 = 10 22) _____ + 5 = 10

Subtraction rainbow pairs to 10

- 23) 10 - 6 = _____ 28) 10 - 5 = _____
 24) 10 - 8 = _____ 29) 10 - 6 = _____
 25) 10 - 3 = _____ 30) 10 - 4 = _____
 26) 10 - 7 = _____ 31) 10 - 1 = _____
 27) 10 - 5 = _____ 32) 10 - 2 = _____

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: 1 [C]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) $82\% =$ _____ 6) $9\% =$ _____
 2) $38\% =$ _____ 7) $36\% =$ _____
 3) $5\% =$ _____ 8) $18\% =$ _____
 4) $69\% =$ _____ 9) $8\% =$ _____
 5) $13\% =$ _____ 10) $93\% =$ _____

Convert these percents to decimals

- 11) $21\% =$ _____ 16) $2\% =$ _____
 12) $71\% =$ _____ 17) $1\% =$ _____
 13) $28\% =$ _____ 18) $60\% =$ _____
 14) $33\% =$ _____ 19) $12\% =$ _____
 15) $50\% =$ _____ 20) $96\% =$ _____

Percent:

With decimal fractions, take care to convert tenths to hundredths before converting to a percent.

0.6 is 0.60 or 60%**Convert these common fractions to percents**

- 21) $\frac{40}{100} =$ _____ 26) $\frac{60}{100} =$ _____
 22) $\frac{91}{100} =$ _____ 27) $\frac{44}{100} =$ _____
 23) $\frac{2}{100} =$ _____ 28) $\frac{51}{100} =$ _____
 24) $\frac{88}{100} =$ _____ 29) $\frac{16}{100} =$ _____
 25) $\frac{15}{100} =$ _____ 30) $\frac{8}{100} =$ _____

Convert these decimals to percents

- 31) $0.23 =$ _____ 36) $0.21 =$ _____
 32) $0.42 =$ _____ 37) $0.8 =$ _____
 33) $0.04 =$ _____ 38) $0.71 =$ _____
 34) $0.03 =$ _____ 39) $0.12 =$ _____
 35) $0.9 =$ _____ 40) $0.43 =$ _____

Insert <, > or =

- 1) $\frac{3}{12}$ _____ $\frac{4}{6}$ 3) $\frac{2}{3}$ _____ $\frac{1}{3}$ 5) $\frac{2}{3}$ _____ $\frac{10}{4}$ 7) $\frac{6}{4}$ _____ $\frac{2}{3}$
 2) $4\frac{1}{6}$ _____ $\frac{25}{6}$ 4) $\frac{1}{3}$ _____ $\frac{2}{9}$ 6) $\frac{2}{5}$ _____ $\frac{3}{10}$ 8) $\frac{4}{6}$ _____ $\frac{8}{12}$

Addition revision

- 9) $10 + 7 =$ _____ 13) $5 + 4 =$ _____
 10) $1 + 5 =$ _____ 14) $4 + 7 =$ _____
 11) $1 + 4 =$ _____ 15) $1 + 6 =$ _____
 12) $3 + 5 =$ _____ 16) $5 + 9 =$ _____

Subtraction revision

- 17) $15 - 7 =$ _____ 21) $7 - 3 =$ _____
 18) $10 - 7 =$ _____ 22) $13 - 8 =$ _____
 19) $17 - 9 =$ _____ 23) $11 - 5 =$ _____
 20) $18 - 9 =$ _____ 24) $12 - 5 =$ _____

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: 1 [D]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) 85 % = _____ 6) 3 % = _____
- 2) 33 % = _____ 7) 31 % = _____
- 3) 10 % = _____ 8) 14 % = _____
- 4) 61 % = _____ 9) 5 % = _____
- 5) 18 % = _____ 10) 91 % = _____

Convert these percents to decimals

- 11) 25 % = _____ 16) 7 % = _____
- 12) 70 % = _____ 17) 3 % = _____
- 13) 20 % = _____ 18) 64 % = _____
- 14) 31 % = _____ 19) 11 % = _____
- 15) 57 % = _____ 20) 93 % = _____

Convert these common fractions to percents

- 21) $\frac{47}{100}$ = _____ 26) $\frac{70}{100}$ = _____
- 22) $\frac{94}{100}$ = _____ 27) $\frac{45}{100}$ = _____
- 23) $\frac{6}{100}$ = _____ 28) $\frac{52}{100}$ = _____
- 24) $\frac{86}{100}$ = _____ 29) $\frac{19}{100}$ = _____
- 25) $\frac{12}{100}$ = _____ 30) $\frac{7}{100}$ = _____

Convert these decimals to percents

- 31) 0.73 = _____ 36) 0.26 = _____
- 32) 0.12 = _____ 37) 0.7 = _____
- 33) 0.06 = _____ 38) 0.21 = _____
- 34) 0.08 = _____ 39) 0.1 = _____
- 35) 0.01 = _____ 40) 0.9 = _____

Insert <, > or =

- 1) $4\frac{5}{6}$ _____ $\frac{45}{6}$ 4) $\frac{2}{3}$ _____ $\frac{2}{3}$ 7) $\frac{2}{4}$ _____ $\frac{9}{4}$ 10) $\frac{14}{3}$ _____ $1\frac{4}{3}$
- 2) $2\frac{1}{3}$ _____ $\frac{8}{3}$ 5) $\frac{4}{12}$ _____ $\frac{1}{6}$ 8) $\frac{2}{3}$ _____ $\frac{3}{4}$ 11) $\frac{11}{4}$ _____ $\frac{9}{5}$
- 3) $\frac{6}{9}$ _____ $\frac{2}{12}$ 6) $4\frac{1}{9}$ _____ $\frac{37}{9}$ 9) $\frac{6}{4}$ _____ $\frac{13}{5}$ 12) $\frac{3}{4}$ _____ $\frac{6}{4}$

Addition revision

- 13) 8 + 4 = _____ 18) 3 + 9 = _____
- 14) 5 + 9 = _____ 19) 2 + 4 = _____
- 15) 4 + 9 = _____ 20) 5 + 8 = _____
- 16) 8 + 7 = _____ 21) 4 + 4 = _____
- 17) 10 + 7 = _____ 22) 1 + 9 = _____

Subtraction revision

- 23) 12 - 8 = _____ 28) 12 - 3 = _____
- 24) 9 - 4 = _____ 29) 9 - 7 = _____
- 25) 14 - 6 = _____ 30) 8 - 6 = _____
- 26) 5 - 3 = _____ 31) 10 - 6 = _____
- 27) 7 - 3 = _____ 32) 16 - 9 = _____

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name:

Score:

Percent: 1 [A]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Percent:

Percent means "out of 100 parts" ("cent" refers to 100; think 100c = a dollar)

A percent is a number—it is a fraction, as it is a number of parts out of 100.

60 % is 60 out of 100. It is equal to the common fraction $\frac{60}{100}$ and the decimal fraction 0.60 or 0.6

Common and decimal fractions can be written as percentages. Of course in common fractions it is easiest if the denominator is 100.

0.34 or $\frac{34}{100}$ can be written as 34 %

Convert these percents to common fractions

- | | |
|----------------------------|-----------------------------|
| 1) $50\% = \frac{50}{100}$ | 6) $5\% = \frac{5}{100}$ |
| 2) $34\% = \frac{34}{100}$ | 7) $48\% = \frac{49}{100}$ |
| 3) $75\% = \frac{75}{100}$ | 8) $10\% = \frac{10}{100}$ |
| 4) $67\% = \frac{67}{100}$ | 9) $1\% = \frac{1}{100}$ |
| 5) $18\% = \frac{18}{100}$ | 10) $95\% = \frac{95}{100}$ |

Convert these percents to decimals

- | | |
|-------------------|-------------------|
| 11) $25\% = 0.25$ | 16) $9\% = 0.09$ |
| 12) $15\% = 0.15$ | 17) $2\% = 0.02$ |
| 13) $20\% = 0.20$ | 18) $68\% = 0.68$ |
| 14) $70\% = 0.70$ | 19) $11\% = 0.11$ |
| 15) $39\% = 0.39$ | 20) $99\% = 0.99$ |

Convert these common fractions to percents

- | | |
|-----------------------------|-----------------------------|
| 21) $\frac{35}{100} = 35\%$ | 26) $\frac{66}{100} = 66\%$ |
| 22) $\frac{16}{100} = 16\%$ | 27) $\frac{45}{100} = 45\%$ |
| 23) $\frac{8}{100} = 8\%$ | 28) $\frac{55}{100} = 55\%$ |
| 24) $\frac{46}{100} = 46\%$ | 29) $\frac{17}{100} = 17\%$ |
| 25) $\frac{15}{100} = 15\%$ | 30) $\frac{5}{100} = 5\%$ |

Convert these decimals to percents

- | | |
|-------------------|-------------------|
| 31) $0.26 = 26\%$ | 36) $0.27 = 27\%$ |
| 32) $0.48 = 48\%$ | 37) $0.89 = 89\%$ |
| 33) $0.13 = 13\%$ | 38) $0.80 = 80\%$ |
| 34) $0.03 = 3\%$ | 39) $0.98 = 98\%$ |
| 35) $0.09 = 9\%$ | 40) $0.44 = 44\%$ |

Comparing fractions:

Change mixed numbers to improper then compare.

e.g: $2\frac{4}{5} > \frac{13}{5}$

Convert any fractions with different denominators to the same denominator, then compare.

$\frac{3}{6} < \frac{7}{12}$

Insert <, > or =

- | | |
|---------------------------------|----------------------------------|
| 1) $\frac{16}{6} > \frac{3}{6}$ | 5) $3\frac{1}{4} < \frac{14}{4}$ |
| 2) $\frac{1}{4} < \frac{1}{3}$ | 6) $\frac{5}{3} > \frac{5}{4}$ |
| 3) $\frac{11}{4} > \frac{7}{6}$ | 7) $3\frac{1}{4} > \frac{11}{4}$ |
| 4) $\frac{1}{4} < \frac{6}{4}$ | 8) $\frac{17}{6} > \frac{9}{5}$ |

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: 1 [B]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) $55\% = \frac{55}{100}$ 6) $6\% = \frac{6}{100}$
 2) $33\% = \frac{33}{100}$ 7) $42\% = \frac{42}{100}$
 3) $7\% = \frac{7}{100}$ 8) $12\% = \frac{12}{100}$
 4) $60\% = \frac{60}{100}$ 9) $4\% = \frac{4}{100}$
 5) $11\% = \frac{11}{100}$ 10) $99\% = \frac{99}{100}$

Convert these percents to decimals

- 11) $22\% = 0.22$ 16) $6\% = 0.06$
 12) $19\% = 0.19$ 17) $8\% = 0.08$
 13) $29\% = 0.29$ 18) $61\% = 0.61$
 14) $75\% = 0.75$ 19) $13\% = 0.13$
 15) $35\% = 0.35$ 20) $91\% = 0.91$

Convert these common fractions to percents

- 21) $\frac{58}{100} = 58\%$ 26) $\frac{62}{100} = 62\%$
 22) $\frac{97}{100} = 97\%$ 27) $\frac{40}{100} = 40\%$
 23) $\frac{7}{100} = 7\%$ 28) $\frac{58}{100} = 58\%$
 24) $\frac{81}{100} = 81\%$ 29) $\frac{12}{100} = 12\%$
 25) $\frac{13}{100} = 13\%$ 30) $\frac{1}{100} = 1\%$

Convert these decimals to percents

- 31) $0.20 = 20\%$ 36) $0.29 = 29\%$
 32) $0.41 = 41\%$ 37) $0.81 = 81\%$
 33) $0 = 0\%$ 38) $0.75 = 75\%$
 34) $0.09 = 9\%$ 39) $0.10 = 10\%$
 35) $0.02 = 2\%$ 40) $0.42 = 42\%$

Insert <, > or =

- 1) $\frac{4}{6} > \frac{1}{6}$ 4) $\frac{2}{3} > \frac{1}{6}$ 7) $4\frac{1}{4} > \frac{14}{4}$ 10) $\frac{3}{4} < \frac{12}{5}$
 2) $\frac{5}{12} > \frac{1}{6}$ 5) $2\frac{4}{8} < \frac{22}{8}$ 8) $\frac{13}{5} > \frac{11}{5}$ 11) $\frac{3}{5} < \frac{14}{6}$
 3) $1\frac{4}{9} < \frac{14}{9}$ 6) $\frac{2}{9} < \frac{2}{3}$ 9) $\frac{2}{5} < \frac{8}{5}$ 12) $\frac{10}{4} > \frac{4}{3}$

Addition rainbow pairs to 10

- 13) $2 + 8 = 10$ 18) $8 + 2 = 10$
 14) $10 + 0 = 10$ 19) $4 + 6 = 10$
 15) $6 + 4 = 10$ 20) $9 + 1 = 10$
 16) $6 + 4 = 10$ 21) $7 + 3 = 10$
 17) $1 + 9 = 10$ 22) $5 + 5 = 10$

Subtraction rainbow pairs to 10

- 23) $10 - 6 = 4$ 28) $10 - 5 = 5$
 24) $10 - 8 = 2$ 29) $10 - 6 = 4$
 25) $10 - 3 = 7$ 30) $10 - 4 = 6$
 26) $10 - 7 = 3$ 31) $10 - 1 = 9$
 27) $10 - 5 = 5$ 32) $10 - 2 = 8$

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: **1 [C]**

% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) $82\% = \frac{82}{100}$ 6) $9\% = \frac{9}{100}$
 2) $38\% = \frac{38}{100}$ 7) $36\% = \frac{36}{100}$
 3) $5\% = \frac{5}{100}$ 8) $18\% = \frac{18}{100}$
 4) $69\% = \frac{69}{100}$ 9) $8\% = \frac{8}{100}$
 5) $13\% = \frac{13}{100}$ 10) $93\% = \frac{93}{100}$

Convert these percents to decimals

- 11) $21\% = 0.21$ 16) $2\% = 0.02$
 12) $71\% = 0.71$ 17) $1\% = 0.01$
 13) $28\% = 0.28$ 18) $60\% = 0.6$
 14) $33\% = 0.33$ 19) $12\% = 0.12$
 15) $50\% = 0.5$ 20) $96\% = 0.96$

Percent:

With decimal fractions, take care to convert tenths to hundredths before converting to a percent.

0.6 is 0.60 or 60%**Convert these common fractions to percents**

- 21) $\frac{40}{100} = 40\%$ 26) $\frac{60}{100} = 60\%$
 22) $\frac{91}{100} = 91\%$ 27) $\frac{44}{100} = 44\%$
 23) $\frac{2}{100} = 2\%$ 28) $\frac{51}{100} = 51\%$
 24) $\frac{88}{100} = 88\%$ 29) $\frac{16}{100} = 16\%$
 25) $\frac{15}{100} = 15\%$ 30) $\frac{8}{100} = 8\%$

Convert these decimals to percents

- 31) $0.23 = 23\%$ 36) $0.21 = 21\%$
 32) $0.42 = 42\%$ 37) $0.8 = 80\%$
 33) $0.04 = 4\%$ 38) $0.71 = 71\%$
 34) $0.03 = 3\%$ 39) $0.12 = 12\%$
 35) $0.9 = 90\%$ 40) $0.43 = 43\%$

Insert <, > or =

- 1) $\frac{3}{12} < \frac{4}{6}$ 3) $\frac{2}{3} > \frac{1}{3}$ 5) $\frac{2}{3} < \frac{10}{4}$ 7) $\frac{6}{4} > \frac{2}{3}$
 2) $4\frac{1}{6} = \frac{25}{6}$ 4) $\frac{1}{3} > \frac{2}{9}$ 6) $\frac{2}{5} > \frac{3}{10}$ 8) $\frac{4}{6} = \frac{8}{12}$

Addition revision

- 9) $10 + 7 = 17$ 13) $5 + 4 = 9$
 10) $1 + 5 = 6$ 14) $4 + 7 = 11$
 11) $1 + 4 = 5$ 15) $1 + 6 = 7$
 12) $3 + 5 = 8$ 16) $5 + 9 = 14$

Subtraction revision

- 17) $15 - 7 = 8$ 21) $7 - 3 = 4$
 18) $10 - 7 = 3$ 22) $13 - 8 = 5$
 19) $17 - 9 = 8$ 23) $11 - 5 = 6$
 20) $18 - 9 = 9$ 24) $12 - 5 = 7$

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.

Name: _____

Score: _____

Percent: 1 [D]



% Intro	10%+dis	25%+dis	10% 50% inc	1% 0.5%	Revision
Common to %	50%+dis	100+%	100+% inc	Adv percent	

Convert these percents to common fractions

- 1) $85\% = \frac{85}{100}$ 6) $3\% = \frac{3}{100}$
 2) $33\% = \frac{33}{100}$ 7) $31\% = \frac{31}{100}$
 3) $10\% = \frac{10}{100}$ 8) $14\% = \frac{14}{100}$
 4) $61\% = \frac{61}{100}$ 9) $5\% = \frac{5}{100}$
 5) $18\% = \frac{18}{100}$ 10) $91\% = \frac{91}{100}$

Convert these percents to decimals

- 11) $25\% = 0.25$ 16) $7\% = 0.07$
 12) $70\% = 0.7$ 17) $3\% = 0.03$
 13) $20\% = 0.2$ 18) $64\% = 0.64$
 14) $31\% = 0.31$ 19) $11\% = 0.11$
 15) $57\% = 0.57$ 20) $93\% = 0.93$

Convert these common fractions to percents

- 21) $\frac{47}{100} = 47\%$ 26) $\frac{70}{100} = 70\%$
 22) $\frac{94}{100} = 94\%$ 27) $\frac{45}{100} = 45\%$
 23) $\frac{6}{100} = 6\%$ 28) $\frac{52}{100} = 52\%$
 24) $\frac{86}{100} = 86\%$ 29) $\frac{19}{100} = 19\%$
 25) $\frac{12}{100} = 12\%$ 30) $\frac{7}{100} = 7\%$

Convert these decimals to percents

- 31) $0.73 = 73\%$ 36) $0.26 = 26\%$
 32) $0.12 = 12\%$ 37) $0.7 = 70\%$
 33) $0.06 = 6\%$ 38) $0.21 = 21\%$
 34) $0.08 = 8\%$ 39) $0.1 = 10\%$
 35) $0.01 = 1\%$ 40) $0.9 = 90\%$

Insert <, > or =

- 1) $4\frac{5}{6} < \frac{45}{6}$ 4) $\frac{2}{3} = \frac{2}{3}$ 7) $\frac{2}{4} < \frac{9}{4}$ 10) $\frac{14}{3} > 1\frac{4}{3}$
 2) $2\frac{1}{3} < \frac{8}{3}$ 5) $\frac{4}{12} > \frac{1}{6}$ 8) $\frac{2}{3} < \frac{3}{4}$ 11) $\frac{11}{4} > \frac{9}{5}$
 3) $\frac{6}{9} > \frac{2}{12}$ 6) $4\frac{1}{9} = \frac{37}{9}$ 9) $\frac{6}{4} < \frac{13}{5}$ 12) $\frac{3}{4} < \frac{6}{4}$

Addition revision

- 13) $8 + 4 = 12$ 18) $3 + 9 = 12$
 14) $5 + 9 = 14$ 19) $2 + 4 = 6$
 15) $4 + 9 = 13$ 20) $5 + 8 = 13$
 16) $8 + 7 = 15$ 21) $4 + 4 = 8$
 17) $10 + 7 = 17$ 22) $1 + 9 = 10$

Subtraction revision

- 23) $12 - 8 = 4$ 28) $12 - 3 = 9$
 24) $9 - 4 = 5$ 29) $9 - 7 = 2$
 25) $14 - 6 = 8$ 30) $8 - 6 = 2$
 26) $5 - 3 = 2$ 31) $10 - 6 = 4$
 27) $7 - 3 = 4$ 32) $16 - 9 = 7$

This worksheet is part of the Professor Pete's Classroom eBook "Bring It On! Percentages Worksheets". The recommended teaching sequence is shown in the bar at the top of this sheet. Have the students record their time taken to complete the page.