

Name: \_\_\_\_\_

Score: \_\_\_\_\_

Percent 100%+: **6 [ A ]**

% Intro Common to %	10%+dis 50%+dis	25%+dis	10% 50% inc 100+%	1% 0.5% 100+% inc	Revision Adv percent
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**Percent of numbers: 100%**

100% is the whole number.

**100% of 45 is 45; it's easy!****Finding 200% is all of it multiplied by 2.**E.g. 200% of 30; is  $2 \times 30 = 60$ 300% of 50; is  $3 \times 50 = 150$ **Find 100% or greater of each of these numbers:**

- |                       |                       |
|-----------------------|-----------------------|
| 1) 100% of 5 = _____  | 6) 100% of 67 = _____ |
| 2) 200% of 80 = _____ | 7) 200% of 24 = _____ |
| 3) 100% of 78 = _____ | 8) 600% of 20 = _____ |
| 4) 300% of _____      |                       |
| 5) 200% of _____      |                       |

**150% is 10  
so 150% of****Find 150%**

- 11) 150% of \_\_\_\_\_
- 12) 150% of \_\_\_\_\_
- 13) 150% of \_\_\_\_\_
- 14) 150% of \_\_\_\_\_
- 15) 150% of \_\_\_\_\_



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**Revision: Multiply fractions by whole numbers**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| 21) $\frac{3}{4}$ of 8 = _____  | 24) $\frac{6}{9}$ of 45 = _____  |
| 22) $\frac{1}{5}$ of 25 = _____ | 25) $\frac{1}{6}$ of 12 = _____  |
| 23) $\frac{5}{7}$ of 14 = _____ | 26) $\frac{5}{10}$ of 10 = _____ |

**Multiply whole numbers by fractions**

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| 27) $30 \times \frac{9}{10} =$ _____ | 30) $49 \times \frac{3}{7} =$ _____ |
| 28) $20 \times \frac{5}{10} =$ _____ | 31) $40 \times \frac{3}{4} =$ _____ |
| 29) $16 \times \frac{2}{4} =$ _____  | 32) $36 \times \frac{4}{9} =$ _____ |

**Insert <, > or =**

- |  |   |   |   |
|--|---|---|---|
| 33) $\frac{2}{3} \underline{\quad} \frac{8}{12}$ | 35) $\frac{10}{12} \underline{\quad} \frac{1}{3}$ | 37) $5\frac{2}{3} \underline{\quad} \frac{17}{3}$ | 39) $\frac{2}{3} \underline{\quad} \frac{4}{3}$   |
| 34) $\frac{8}{12} \underline{\quad} \frac{2}{3}$ | 36) $\frac{1}{6} \underline{\quad} \frac{6}{9}$   | 38) $\frac{28}{5} \underline{\quad} 5\frac{4}{5}$ | 40) $\frac{15}{6} \underline{\quad} 2\frac{3}{6}$ |

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Name: \_\_\_\_\_

Score: \_\_\_\_\_

Percent 100%+: 6 [ B ]



% Intro Common to %	10%+dis 50%+dis	25%+dis 50%+dis	10% 50% inc 100%+ inc	1% 0.5% Adv percent	Revision
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**Find 100% or greater of each of these numbers:**

- |                        |                          |
|------------------------|--------------------------|
| 1) 100% of 90 = _____  | 9) 100% of 85 = _____    |
| 2) 200% of 5 = _____   | 10) 200% of 45 = _____   |
| 3) 200% of 62 = _____  | 11) 1,000% of 65 = _____ |
| 4) 100% of 83 = _____  | 12) 500% of 30 = _____   |
| 5) 300% of 50 = _____  | 13) 100% of 86 = _____   |
| 6) 500% of 600 = _____ | 14) 1,000% of 43 = _____ |
| 7) 1,000% of 8 = _____ | 15) 100% of 59 = _____   |
| 8) 500% of 54 = _____  | 16) 700% of 500 = _____  |

**Find 150% of each of these numbers:**

- 17) 150% of 10 = \_\_\_\_\_
- 18) 150% of 20 = \_\_\_\_\_
- 19) 150% of 30 = \_\_\_\_\_
- 20) 150% of 40 = \_\_\_\_\_
- 21) 150% of 50 = \_\_\_\_\_
- 22) 150% of 60 = \_\_\_\_\_
- 23) 150% of 70 = \_\_\_\_\_

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**Subtract the fractions (change to improper fractions where necessary)**

<p>31) <math>9\frac{6}{12}</math></p> <p style="margin-left: 20px;">- <math>4\frac{9}{12}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>	<p>32) <math>5\frac{4}{6}</math></p> <p style="margin-left: 20px;">- <math>4\frac{5}{6}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>	<p>33) <math>9\frac{1}{3}</math></p> <p style="margin-left: 20px;">- <math>8\frac{2}{3}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>
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**Add the fractions**

<p>34) <math>1\frac{6}{8}</math></p> <p style="margin-left: 20px;">+ <math>5\frac{1}{8}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>	<p>35) <math>3\frac{3}{4}</math></p> <p style="margin-left: 20px;">+ <math>5\frac{2}{4}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>	<p>36) <math>4\frac{2}{6}</math></p> <p style="margin-left: 20px;">+ <math>5\frac{5}{6}</math></p> <hr style="width: 80%; margin-left: 0;"/> <p>_____</p>
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**Equivalent fractions**

37)  $\frac{1}{2} = \frac{6}{12} = \frac{5}{10}$       38)  $\frac{4}{5} = \frac{36}{45} = \frac{40}{50}$       39)  $\frac{3}{5} = \frac{6}{10} = \frac{21}{35}$       40)  $\frac{1}{2} = \frac{6}{12} = \frac{1}{18}$

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Name: \_\_\_\_\_

Score: \_\_\_\_\_

Percent 100%+: 6 [ C ]



% Intro Common to %	10%+dis 50%+dis	25%+dis 100%+	10% 50% inc 100+% inc	1% 0.5% Adv percent	Revision
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**Find 100% or greater of each of these numbers:**

- |                         |                         |
|-------------------------|-------------------------|
| 1) 100% of 82 = _____   | 9) 500% of 8 = _____    |
| 2) 200% of 60 = _____   | 10) 200% of 50 = _____  |
| 3) 300% of 100 = _____  | 11) 300% of 70 = _____  |
| 4) 1,000% of 20 = _____ | 12) 600% of 10 = _____  |
| 5) 100% of 46 = _____   | 13) 1,000% of 3 = _____ |
| 6) 200% of 45 = _____   | 14) 200% of 20 = _____  |
| 7) 200% of 200 = _____  | 15) 600% of 8 = _____   |
| 8) 300% of 100 = _____  | 16) 200% of 50 = _____  |

**Find 150% of each of these numbers:**

- 17) 150% of 100 = \_\_\_\_\_
- 18) 150% of 200 = \_\_\_\_\_
- 19) 150% of 300 = \_\_\_\_\_
- 20) 150% of 400 = \_\_\_\_\_
- 21) 150% of 500 = \_\_\_\_\_
- 22) 150% of 600 = \_\_\_\_\_
- 23) 150% of 700 = \_\_\_\_\_



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**Revision: Multiply fractions by whole numbers**

- |                                 |                                  |
|---------------------------------|----------------------------------|
| 31) $\frac{2}{3}$ of 21 = _____ | 34) $\frac{2}{3}$ of 12 = _____  |
| 32) $\frac{8}{9}$ of 9 = _____  | 35) $\frac{2}{4}$ of 36 = _____  |
| 33) $\frac{2}{4}$ of 40 = _____ | 36) $\frac{2}{10}$ of 20 = _____ |

**Multiply whole numbers by fractions**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| 37) $45 \times \frac{4}{9} =$ _____ | 40) $12 \times \frac{2}{3} =$ _____ |
| 38) $36 \times \frac{3}{4} =$ _____ | 41) $14 \times \frac{3}{7} =$ _____ |
| 39) $24 \times \frac{1}{3} =$ _____ | 42) $27 \times \frac{2}{3} =$ _____ |

**Insert <, > or =**

- |                                       |   |   |  |
|---------------------------------------|---|---|--|
| 43) $\frac{6}{9}$ _____ $\frac{1}{6}$ | 45) $\frac{15}{5}$ _____ $2\frac{4}{5}$ | 47) $\frac{4}{6}$ _____ $\frac{8}{3}$   | 49) $\frac{1}{3}$ _____ $\frac{6}{4}$  |
| 44) $\frac{5}{6}$ _____ $\frac{8}{9}$ | 46) $\frac{3}{6}$ _____ $\frac{3}{9}$   | 48) $5\frac{3}{5}$ _____ $\frac{29}{5}$ | 50) $\frac{16}{6}$ _____ $\frac{9}{4}$ |

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