

Name: _____

Score: _____

Percent 100% (increase): **8 [A]**



% 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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100% Increase Questions

100% is the whole amount. Add this to the original amount. It is really the same as doubling the original amount.

What is the amount with a 100% increase? Double it!

100% increase to \$50

$2 \times \$50 = \100 ($\$50 + \50)

100% increase to \$400

$2 \times \$400 = \800 ($\$400 + \400)

Find the new price if there is a 100% increase:

1) 100% increase on \$50 = _____ 6) 100% increase on \$70 = _____

2) 100% increase on \$20 = _____ 7) 100% increase on \$90 = _____

3) 100% increase on \$10 = _____

4) 100% increase on \$15 = _____

5) 100% increase on \$30 = _____

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Find the new price

1) 100% increase on \$10 = _____

2) 100% increase on \$15 = _____

3) 100% increase on \$20 = _____

4) 100% increase on \$30 = _____

5) 100% increase on \$40 = _____

Revision: Multiply fractions by whole numbers

1) $\frac{5}{7}$ of 7 = _____ 4) $\frac{4}{5}$ of 25 = _____

2) $\frac{1}{2}$ of 30 = _____ 5) $\frac{2}{3}$ of 18 = _____

3) $\frac{2}{4}$ of 16 = _____ 6) $\frac{4}{7}$ of 35 = _____

Multiply whole numbers by fractions

7) $45 \times \frac{1}{5} =$ _____ 10) $10 \times \frac{1}{2} =$ _____

8) $24 \times \frac{1}{2} =$ _____ 11) $30 \times \frac{5}{10} =$ _____

9) $30 \times \frac{3}{6} =$ _____ 12) $24 \times \frac{5}{6} =$ _____

Insert <, > or =

13) $\frac{1}{6}$ ___ $\frac{1}{9}$

15) $\frac{10}{12}$ ___ $\frac{5}{6}$

17) $\frac{2}{5}$ ___ $\frac{1}{4}$

19) $\frac{1}{4}$ ___ $\frac{7}{5}$

14) $4\frac{2}{9}$ ___ $\frac{38}{9}$

16) $\frac{14}{5}$ ___ $1\frac{4}{5}$

18) $\frac{5}{8}$ ___ $\frac{10}{4}$

20) $\frac{4}{3}$ ___ $\frac{3}{5}$

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Name:

Score:

Percent 100% (increase): 8 [B]



% 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 the new amount if there is a 100% increase on these amounts:

- 1) 100% increase on 20 = _____
- 2) 100% increase on 90 = _____
- 3) 100% increase on 10 = _____
- 4) 100% increase on 80 = _____
- 5) 100% increase on 50 = _____
- 6) 100% increase on 70 = _____
- 7) 100% increase on 30 = _____
- 8) 100% increase on 60 = _____
- 9) 100% increase on 40 = _____
- 10) 100% increase on 100 = _____

Find the new amount if there is a 100% increase on these larger amounts:

- 1) 100% increase on \$200 = _____
- 2) 100% increase on \$25 = _____
- 3) 100% increase on \$100 = _____
- 4) 100% increase on \$50 = _____
- 5) 100% increase on \$10 = _____
- 6) 100% increase on \$400 = _____
- 7) 100% increase on \$1000 = _____

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Subtract the fractions with

1) $9\frac{3}{8}$
- $6\frac{5}{8}$

$5\frac{1}{4}$
- $5\frac{3}{4}$

Insert <, > or =

- 7) $\frac{3}{6}$ ___ $\frac{8}{9}$
- 9) $\frac{4}{6}$ ___ $\frac{1}{3}$
- 11) $\frac{10}{4}$ ___ $\frac{3}{5}$
- 13) $4\frac{1}{6}$ ___ $\frac{24}{6}$
- 8) $\frac{1}{3}$ ___ $\frac{2}{6}$
- 10) $\frac{2}{3}$ ___ $\frac{4}{9}$
- 12) $\frac{3}{6}$ ___ $\frac{6}{5}$
- 14) $\frac{8}{5}$ ___ $\frac{1}{3}$

Equivalent fractions

- 15) $\frac{2}{5} = \frac{12}{\quad} = \frac{\quad}{25}$
- 17) $\frac{1}{8} = \frac{\quad}{32} = \frac{\quad}{80}$
- 19) $\frac{1}{5} = \frac{8}{\quad} = \frac{\quad}{45}$
- 21) $\frac{1}{4} = \frac{\quad}{28} = \frac{\quad}{16}$
- 16) $\frac{4}{5} = \frac{\quad}{10} = \frac{\quad}{40}$
- 18) $\frac{1}{6} = \frac{\quad}{36} = \frac{\quad}{18}$
- 20) $\frac{6}{8} = \frac{\quad}{56} = \frac{36}{\quad}$
- 22) $\frac{3}{4} = \frac{\quad}{36} = \frac{24}{\quad}$

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Name: _____

Score: _____

Percent 200+% (increase): **8 [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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200% Increase Questions

200% is double the whole amount plus the original amount. It is 200% + 100%. It is really the same as multiplying the original amount by 3.

What is the amount with a 200% increase? Multiply it by 3!(200% double the amount + 100% or the whole amount = 3 times the amount)

200% increase to \$50

$3 \times \$50 = \$150 (\$100 + \$50)$

200% increase to \$400

$3 \times \$200 = \$600 (\$400 + \$200)$

Find the new price if there is a 200% increase:

1) 200% increase on \$10 = _____ 6) 200% increase on \$80 = _____

2) 200% increase on \$40 = _____ 7) 200% increase on \$70 = _____

3) 200% increase on \$20 = _____

4) 200% increase on \$30 = _____

5) 200% increase on \$60 = _____

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Find the new price

1) 200% increase on \$100 = _____

2) 200% increase on \$200 = _____

3) 200% increase on \$300 = _____

4) 200% increase on \$400 = _____

5) 200% increase on \$500 = _____ 10) 200% increase on \$1,000 = _____

Revision: Multiply fractions by whole numbers

1) $\frac{5}{7}$ of 35 = _____ 3) $\frac{3}{4}$ of 36 = _____

2) $\frac{4}{7}$ of 28 = _____ 4) $\frac{1}{4}$ of 20 = _____

Multiply whole numbers by fractions

5) $40 \times \frac{2}{5} =$ _____ 7) $24 \times \frac{2}{3} =$ _____

6) $24 \times \frac{5}{6} =$ _____ 8) $30 \times \frac{1}{5} =$ _____

Insert <, > or =

9) $\frac{9}{12}$ _____ $\frac{1}{3}$

11) $\frac{32}{6}$ _____ $3\frac{2}{6}$

13) $\frac{2}{3}$ _____ $\frac{11}{5}$

15) $\frac{4}{3}$ _____ $\frac{8}{6}$

10) $\frac{1}{3}$ _____ $\frac{2}{9}$

12) $\frac{7}{9}$ _____ $\frac{3}{12}$

14) $\frac{3}{4}$ _____ $\frac{6}{5}$

16) $\frac{2}{3}$ _____ $\frac{2}{4}$

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