

Name: _____

Score: _____

Percent 25%: **5 [A]**



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

Percent of numbers: 25%

25% is one quarter of a number.

25% of 36 is the same as one quarter of 36 = 9

Finding 25% of a number is the same as dividing by 4.

E.g. 25% of 76 = ?

(Remember to find a quarter of a larger number you have to halve and then halve again.)

25% of 76: half of 76 is 38, half of 38 is 19

Find 25% of each of these numbers:

- | | |
|----------------------|----------------------|
| 1) 25% of 8 = _____ | 6) 25% of 44 = _____ |
| 2) 25% of 80 = _____ | 7) 25% of 24 = _____ |
| 3) 25% of 40 = _____ | 8) 25% of 60 = _____ |
| 4) 25% of _____ | |
| 5) 25% of _____ | |

Find 25% of

- 11) 25% of _____
- 12) 25% of _____
- 13) 25% of _____
- 14) 25% of _____
- 15) 25% of _____

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Revision: M

- | | | | |
|----------------------------------|----------------------------------|-------------------------------------|--------------------------------------|
| 21) $\frac{7}{10}$ of 10 = _____ | 25) $\frac{4}{9}$ of 9 = _____ | 29) $42 \times \frac{2}{7} =$ _____ | 33) $32 \times \frac{5}{8} =$ _____ |
| 22) $\frac{1}{3}$ of 21 = _____ | 26) $\frac{7}{10}$ of 40 = _____ | 30) $48 \times \frac{1}{3} =$ _____ | 34) $18 \times \frac{6}{9} =$ _____ |
| 23) $\frac{2}{5}$ of 30 = _____ | 27) $\frac{2}{5}$ of 45 = _____ | 31) $6 \times \frac{1}{2} =$ _____ | 35) $30 \times \frac{9}{10} =$ _____ |
| 24) $\frac{7}{8}$ of 8 = _____ | 28) $\frac{5}{9}$ of 27 = _____ | 32) $56 \times \frac{5}{8} =$ _____ | 36) $32 \times \frac{1}{2} =$ _____ |

Insert <, > or =

- | | | | |
|--|---|---|---|
| 37) $\frac{2}{3}$ _____ $\frac{8}{12}$ | 39) $\frac{10}{12}$ _____ $\frac{1}{3}$ | 41) $5\frac{2}{3}$ _____ $\frac{17}{3}$ | 43) $\frac{2}{3}$ _____ $\frac{4}{3}$ |
| 38) $\frac{8}{12}$ _____ $\frac{2}{3}$ | 40) $\frac{1}{6}$ _____ $\frac{6}{9}$ | 42) $\frac{28}{5}$ _____ $5\frac{4}{5}$ | 44) $\frac{15}{6}$ _____ $2\frac{3}{6}$ |

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Name: _____

Score: _____

Percent 25%: **5 [B]**



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

Find 25% of each of these numbers:

- | | |
|----------------------|-----------------------|
| 1) 25% of 28 = _____ | 6) 25% of 96 = _____ |
| 2) 25% of 16 = _____ | 7) 25% of 100 = _____ |
| 3) 25% of 36 = _____ | 8) 25% of 64 = _____ |
| 4) 25% of 72 = _____ | 9) 25% of 48 = _____ |
| 5) 25% of 84 = _____ | 10) 25% of 50 = _____ |

Find 25% of each of these larger numbers:

- | | |
|------------------------|------------------------|
| 11) 25% of 200 = _____ | 16) 25% of 120 = _____ |
| 12) 25% of 600 = _____ | 17) 25% of 900 = _____ |

- 13) 25% of _____
 14) 25% of _____
 15) 25% of _____

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Find 10% of

- 21) 10% of _____
 22) 10% of _____
 23) 10% of _____

Subtract the

- | | | | | | |
|--------------------|-------------------|------------------|------------------|-------------------|------------------|
| 27) $8\frac{2}{4}$ | 10 | 5 | 3 | 10 | $9\frac{1}{6}$ |
| $- 2\frac{3}{4}$ | $- 7\frac{3}{10}$ | $- 3\frac{4}{5}$ | $- 2\frac{2}{3}$ | $- 1\frac{9}{10}$ | $- 7\frac{5}{6}$ |
| _____ | _____ | _____ | _____ | _____ | _____ |

Insert <, > or =

- | | | | |
|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| 33) $\frac{7}{12}$ ___ $\frac{4}{6}$ | 36) $\frac{2}{3}$ ___ $\frac{4}{9}$ | 39) $\frac{14}{6}$ ___ $\frac{7}{4}$ | 42) $\frac{11}{6}$ ___ $\frac{1}{4}$ |
| 34) $\frac{2}{9}$ ___ $\frac{10}{12}$ | 37) $\frac{11}{3}$ ___ $3\frac{2}{3}$ | 40) $\frac{4}{6}$ ___ $\frac{2}{5}$ | 43) $\frac{6}{5}$ ___ $\frac{1}{4}$ |
| 35) $\frac{3}{12}$ ___ $\frac{1}{3}$ | 38) $\frac{2}{6}$ ___ $\frac{1}{3}$ | 41) $\frac{7}{5}$ ___ $\frac{4}{5}$ | 44) $4\frac{3}{5}$ ___ $\frac{22}{5}$ |

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Name:

Score:

Percent 25% (discount): 5 [C]



% Intro Common to %	10%+dis 50%+dis	25%+dis	10% 50% inc 100+% inc	1% 0.5% Adv percent	Revisio
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25% Discount Questions

First find 25%. Then take this away from the original amount.

How much is an item with a 25% discount?

25% discount on an item priced at \$80

25% of \$80 = \$20 \$80 - \$20 = \$60

25% discount on an item \$320

25% of \$320 = \$80 \$320 - \$80 = \$240

Find the new price if there is a 25% discount:

1) 25% discount off \$60 = _____ 6) 25% discount off \$8 = _____

2) 25% discount off \$100 = _____ 7) 25% discount off \$16 = _____

3) 25% discount off _____

4) 25% discount off _____

5) 25% discount off _____

Find the new price

1) 25% discount off _____

2) 25% discount off _____

3) 25% discount off _____

4) 25% discount off _____

5) 25% discount off _____

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Multiply fractions by whole numbers

1) $\frac{2}{3}$ of 45 = _____ 4) $\frac{1}{8}$ of 24 = _____

2) $\frac{1}{3}$ of 12 = _____ 5) $\frac{1}{4}$ of 8 = _____

3) $\frac{3}{4}$ of 16 = _____ 6) $\frac{4}{5}$ of 30 = _____

Multiply whole numbers by fractions

7) $40 \times \frac{1}{2} =$ _____ 10) $10 \times \frac{8}{10} =$ _____

8) $15 \times \frac{3}{5} =$ _____ 11) $32 \times \frac{1}{2} =$ _____

9) $6 \times \frac{1}{3} =$ _____ 12) $28 \times \frac{2}{7} =$ _____

Insert <, > or =

13) $\frac{4}{9} \underline{\hspace{1cm}} \frac{8}{12}$

15) $\frac{5}{6} \underline{\hspace{1cm}} \frac{8}{12}$

17) $\frac{1}{3} \underline{\hspace{1cm}} \frac{7}{4}$

19) $3\frac{1}{4} \underline{\hspace{1cm}} \frac{31}{4}$

14) $\frac{2}{12} \underline{\hspace{1cm}} \frac{1}{3}$

16) $\frac{46}{9} \underline{\hspace{1cm}} 5\frac{1}{9}$

18) $\frac{4}{6} \underline{\hspace{1cm}} \frac{8}{3}$

20) $\frac{1}{3} \underline{\hspace{1cm}} \frac{5}{4}$

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