

Estimate with benchmark percents

NAME	DATE	SCORE / 10
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1 Which is the best estimate of 15% of 243?

- ☐ 180
 ☐ 36
 ☐ 360
 ☐ 3.6

2 Which of these give 25% of 28?

Tick every answer that is true.

- ☐ **A** $28 \div 4$
☐ **B** $28 \div 25$
☐ **C** half of half of 28
☐ **D** 28×25
☐ **E** 28×0.25

3 A coat costs \$99.75. The coat is on sale for 20% off. Which is the best estimate of the amount taken off the price?

- ☐ \$50
 ☐ \$20
 ☐ \$10
 ☐ \$2

4 Which of these give 25% of 24?

Tick every answer that is true.

- ☐ **A** $24 - 25$
☐ **B** half of half of 24
☐ **C** 24×25
☐ **D** $24 \div 25$
☐ **E** 24×0.25

5 A meal costs \$99.90. Leo wants to leave a tip of about 10%. Which is the best estimate of the tip?

- ☐ \$10
 ☐ \$50
 ☐ \$75
 ☐ \$1

6 Which of these give 50% of 36?

Tick every answer that is true.

- ☐ **A** $36 \div 2$
 - ☐ **B** half of 36
 - ☐ **C** 36×0.05
 - ☐ **D** 36×0.5
 - ☐ **E** $36 - 50$
-

7 Which is the best estimate of 1% of 8,050?

- ☐ 2000 ☐ 8 ☐ 1600 ☐ 80
-

8 Which of these give 10% of 440?

Tick every answer that is true.

- ☐ **A** $440 - 10$
 - ☐ **B** $440 \div 100$
 - ☐ **C** half of 20% of 440
 - ☐ **D** 440×10
 - ☐ **E** 440×0.1
-

9 A meal costs \$99.80. Cleo wants to leave a tip of about 20%. Which is the best estimate of the tip?

- ☐ \$10 ☐ \$50 ☐ \$20 ☐ \$2
-

10 Which of these give 50% of 56?

Tick every answer that is true.

- ☐ **A** 56×0.5
- ☐ **B** 56×0.05
- ☐ **C** half of 56
- ☐ **D** $56 \div 2$
- ☐ **E** $56 \div 50$

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1 **36**

3 **\$20**

5 **\$10**

7 **80**

9 **\$20**

2 **A, C, E**

Tick exactly these: A: $28 \div 4$; C: half of half of 28;
E: 28×0.25 . One missed or one extra is wrong.

4 **B, E**

Tick exactly these: B: half of half of 24; E: 24×0.25 . One missed or one extra is wrong.

6 **A, B, D**

Tick exactly these: A: $36 \div 2$; B: half of 36; D: 36×0.5 . One missed or one extra is wrong.

8 **C, E**

Tick exactly these: C: half of 20% of 440; E: 440×0.1 . One missed or one extra is wrong.

10 **A, C, D**

Tick exactly these: A: 56×0.5 ; C: half of 56; D: $56 \div 2$. One missed or one extra is wrong.