

Estimate with benchmark percents

NAME	DATE	SCORE / 10
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- 1** A meal costs \$199.90. Ben wants to leave a tip of about 10%. Which is the best estimate of the tip?

☐ \$20
 ☐ \$10
 ☐ \$2
 ☐ \$200

- 2** Which of these give 25% of 68?

Tick every answer that is true.

- ☐ **A** 68×25
☐ **B** $68 \div 4$
☐ **C** 68×0.25
☐ **D** $68 - 25$
☐ **E** $68 \div 25$

- 3** Which is the best estimate of 51% of 142?

☐ 28
 ☐ 35
 ☐ 7
 ☐ 70

- 4** Which of these give 10% of 60?

Tick every answer that is true.

- ☐ **A** $60 - 10$
☐ **B** $60 \div 100$
☐ **C** 60×10
☐ **D** half of 20% of 60
☐ **E** $60 \div 10$

- 5** A meal costs \$59.80. Ivy wants to leave a tip of about 15%. Which is the best estimate of the tip?

☐ \$0.90
 ☐ \$9
 ☐ \$6
 ☐ \$30

6 Which of these give 25% of 72?

Tick every answer that is true.

- ☐ **A** half of half of 72
 - ☐ **B** 72×0.25
 - ☐ **C** $72 - 25$
 - ☐ **D** 72×25
 - ☐ **E** $72 \div 25$
-

7 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 ☐ \$10 ☐ \$2 ☐ \$20
-

8 Which of these give 10% of 280?

Tick every answer that is true.

- ☐ **A** $280 \div 10$
 - ☐ **B** 280×10
 - ☐ **C** $280 - 10$
 - ☐ **D** $280 \div 100$
 - ☐ **E** 280×0.1
-

9 A meal costs \$199.95. Leo wants to leave a tip of about 10%. Which is the best estimate of the tip?

- ☐ \$150 ☐ \$2 ☐ \$20 ☐ \$200
-

10 Which of these give 10% of 400?

Tick every answer that is true.

- ☐ **A** $400 - 10$
- ☐ **B** $400 \div 100$
- ☐ **C** half of 20% of 400
- ☐ **D** $400 \div 10$
- ☐ **E** 400×0.1

Estimate with benchmark percents

1 \$20

3 70

5 \$9

7 \$20

9 \$20

2 **B, C**

Tick exactly these: B: $68 \div 4$; C: 68×0.25 . One missed or one extra is wrong.

4 **D, E**

Tick exactly these: D: half of 20% of 60; E: $60 \div 10$. One missed or one extra is wrong.

6 **A, B**

Tick exactly these: A: half of half of 72; B: 72×0.25 . One missed or one extra is wrong.

8 **A, E**

Tick exactly these: A: $280 \div 10$; E: 280×0.1 . One missed or one extra is wrong.

10 **C, D, E**

Tick exactly these: C: half of 20% of 400; D: $400 \div 10$; E: 400×0.1 . One missed or one extra is wrong.