

Estimate with benchmark percents

NAME	DATE	SCORE / 10
------	------	----------------------

1 Which is the best estimate of 5% of 103?

- ☐ 5
 ☐ 10
 ☐ 0.5
 ☐ 75

2 Which of these give 50% of 48?

Tick every answer that is true.

- ☐ **A** 48×0.5
☐ **B** $48 \div 2$
☐ **C** half of 48
☐ **D** $48 \div 50$
☐ **E** 48×0.05

3 A meal costs \$199.99. Ana wants to leave a tip of about 20%. Which is the best estimate of the tip?

- ☐ \$10
 ☐ \$40
 ☐ \$20
 ☐ \$4

4 Which of these give 50% of 64?

Tick every answer that is true.

- ☐ **A** half of 64
☐ **B** $64 - 50$
☐ **C** $64 \div 2$
☐ **D** 64×0.5
☐ **E** $64 \div 50$

5 A coat costs \$149.80. The coat is on sale for 20% off. Which is the best estimate of the amount taken off the price?

- ☐ \$30
 ☐ \$300
 ☐ \$3
 ☐ \$15

6 Which of these give 50% of 76?

Tick every answer that is true.

- ☐ **A** half of 76
 - ☐ **B** $76 - 50$
 - ☐ **C** 76×0.5
 - ☐ **D** $76 \div 50$
 - ☐ **E** $76 \div 2$
-

7 Which is the best estimate of 1% of 4,964?

- ☐ 5 ☐ 3750 ☐ 50 ☐ 500
-

8 Which of these give 10% of 200?

Tick every answer that is true.

- ☐ **A** 200×10
 - ☐ **B** half of 20% of 200
 - ☐ **C** 200×0.1
 - ☐ **D** $200 \div 100$
 - ☐ **E** $200 - 10$
-

9 A meal costs \$39.90. Ben wants to leave a tip of about 15%. Which is the best estimate of the tip?

- ☐ \$0.60 ☐ \$2 ☐ \$30 ☐ \$6
-

10 Which of these give 50% of 32?

Tick every answer that is true.

- ☐ **A** 32×0.5
- ☐ **B** half of 32
- ☐ **C** $32 \div 50$
- ☐ **D** $32 \div 2$
- ☐ **E** $32 - 50$

Estimate with benchmark percents

1 5

3 \$40

5 \$30

7 50

9 \$6

2 **A, B, C**

Tick exactly these: A: 48×0.5 ; B: $48 \div 2$; C: half of 48. One missed or one extra is wrong.

4 **A, C, D**

Tick exactly these: A: half of 64; C: $64 \div 2$; D: 64×0.5 . One missed or one extra is wrong.

6 **A, C, E**

Tick exactly these: A: half of 76; C: 76×0.5 ; E: $76 \div 2$. One missed or one extra is wrong.

8 **B, C**

Tick exactly these: B: half of 20% of 200; C: 200×0.1 . One missed or one extra is wrong.

10 **A, B, D**

Tick exactly these: A: 32×0.5 ; B: half of 32; D: $32 \div 2$. One missed or one extra is wrong.