

Estimate with benchmark percents

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

1 Which is the best estimate of 19% of 151?

- ☐ 3
 ☐ 37.5
 ☐ 30
 ☐ 300

2 Which of these give 25% of 32?

Tick every answer that is true.

- ☐ **A** $32 - 25$
☐ **B** 32×25
☐ **C** 32×0.25
☐ **D** half of half of 32
☐ **E** $32 \div 4$

3 A meal costs \$59.99. Cleo wants to leave a tip of about 15%. Which is the best estimate of the tip?

- ☐ \$30
 ☐ \$9
 ☐ \$0.90
 ☐ \$3

4 Which of these give 50% of 64?

Tick every answer that is true.

- ☐ **A** 64×0.5
☐ **B** $64 \div 2$
☐ **C** half of 64
☐ **D** 64×0.05
☐ **E** $64 \div 50$

5 A meal costs \$139.95. Ivy wants to leave a tip of about 15%. Which is the best estimate of the tip?

- ☐ \$28
 ☐ \$21
 ☐ \$105
 ☐ \$2.10

6 Which of these give 50% of 48?

Tick every answer that is true.

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

7 A coat costs \$49.75. The coat is on sale for 20% off. Which is the best estimate of the amount taken off the price?

- ☐ \$10 ☐ \$37.50 ☐ \$1 ☐ \$100
-

8 Which of these give 10% of 380?

Tick every answer that is true.

- ☐ **A** $380 \div 10$
 - ☐ **B** $380 \div 100$
 - ☐ **C** $380 - 10$
 - ☐ **D** 380×10
 - ☐ **E** 380×0.1
-

9 A meal costs \$149.50. Maya wants to leave a tip of about 20%. Which is the best estimate of the tip?

- ☐ \$3 ☐ \$15 ☐ \$30 ☐ \$300
-

10 Which of these give 50% of 28?

Tick every answer that is true.

- ☐ **A** 28×0.05
- ☐ **B** 28×0.5
- ☐ **C** $28 \div 50$
- ☐ **D** $28 - 50$
- ☐ **E** half of 28

Estimate with benchmark percents

1 **30**

3 **\$9**

5 **\$21**

7 **\$10**

9 **\$30**

2 **C, D, E**

Tick exactly these: C: 32×0.25 ; D: half of half of 32; E: $32 \div 4$. One missed or one extra is wrong.

4 **A, B, C**

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

6 **B, D, E**

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

8 **A, E**

Tick exactly these: A: $380 \div 10$; E: 380×0.1 . One missed or one extra is wrong.

10 **B, E**

Tick exactly these: B: 28×0.5 ; E: half of 28. One missed or one extra is wrong.