

Estimate with benchmark percents

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

1 Which is the best estimate of 51% of 118?

- ☐ 60
 ☐ 30
 ☐ 1.2
 ☐ 6

2 Which of these give 50% of 20?

Tick every answer that is true.

- ☐ **A** half of 20
☐ **B** 20 – 50
☐ **C** 20×0.05
☐ **D** $20 \div 50$
☐ **E** $20 \div 2$

3 A meal costs \$119.90. Ben wants to leave a tip of about 15%. Which is the best estimate of the tip?

- ☐ \$180
 ☐ \$1.80
 ☐ \$24
 ☐ \$18

4 Which of these give 25% of 32?

Tick every answer that is true.

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

5 Which is the best estimate of 1% of 7,048?

- ☐ 1400
 ☐ 1750
 ☐ 70
 ☐ 7

6 Which of these give 50% of 80?

Tick every answer that is true.

- ☐ **A** $80 \div 50$
 - ☐ **B** $80 - 50$
 - ☐ **C** 80×0.5
 - ☐ **D** 80×0.05
 - ☐ **E** half of 80
-

7 A coat costs \$99.90. The coat is on sale for 10% off. Which is the best estimate of the amount taken off the price?

- ☐ \$20 ☐ \$10 ☐ \$1 ☐ \$75
-

8 Which of these give 10% of 300?

Tick every answer that is true.

- ☐ **A** 300×0.1
 - ☐ **B** $300 - 10$
 - ☐ **C** half of 20% of 300
 - ☐ **D** $300 \div 100$
 - ☐ **E** 300×10
-

9 A meal costs \$119.90. Cleo wants to leave a tip of about 15%. Which is the best estimate of the tip?

- ☐ \$1.20 ☐ \$1.80 ☐ \$60 ☐ \$18
-

10 Which of these give 25% of 16?

Tick every answer that is true.

- ☐ **A** $16 \div 25$
- ☐ **B** half of half of 16
- ☐ **C** $16 - 25$
- ☐ **D** $16 \div 4$
- ☐ **E** 16×0.25

Estimate with benchmark percents

1 **60**

3 **\$18**

5 **70**

7 **\$10**

9 **\$18**

2 **A, E**

Tick exactly these: A: half of 20; E: $20 \div 2$. One missed or one extra is wrong.

4 **A, B, C**

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

6 **C, E**

Tick exactly these: C: 80×0.5 ; E: half of 80. One missed or one extra is wrong.

8 **A, C**

Tick exactly these: A: 300×0.1 ; C: half of 20% of 300. One missed or one extra is wrong.

10 **B, D, E**

Tick exactly these: B: half of half of 16; D: $16 \div 4$; E: 16×0.25 . One missed or one extra is wrong.