

**Use estimation to check reasonableness****1**

Estimate the quotient by rounding each number to its leading digit. Which simplified division should you use?

$$903 \div 3 = ?$$

A	$900 \div 3$
B	$1000 \div 3$
C	$903 \div 3$
D	$800 \div 3$

2

Estimate the product by rounding each number to its leading digit. Which simplified multiplication should you use?

$$29 \times 92 = ?$$

A	30×90
B	29×90
C	30×92
D	29×92

3

Estimate the product by rounding each number to its leading digit. Which simplified multiplication should you use?

$$905 \times 39 = ?$$

A	905×39
B	900×39
C	900×40
D	1000×40

4

Estimate the product by rounding each number to its leading digit. Which simplified multiplication should you use?

$$901 \times 487 = ?$$

A	900×500
B	901×487
C	900×487
D	901×500

5

Estimate the product by rounding each number to its leading digit.

$$72 \times 6 = ?$$

A approx 490	B approx 420
C approx 42	D approx 432

6

Estimate the product by rounding each number to its leading digit.

$$896 \times 115 = ?$$

A approx 90,000
B approx 9,000
C approx 89,600
D approx 103,040

7

Estimate the sum by rounding each number to the nearest 10

$$21 + 32 = ?$$

A 70	B 80
C 50	D 20

8

Estimate the quotient by rounding each number to its leading digit.

$$8016 \div 393 = ?$$

A approx 10	B approx 200
C approx 20	D approx 30

**Use estimation to check reasonableness****9**

Estimate the difference by rounding each number to the nearest 10

$$61 - 18 = ?$$

A

50

B

40

C

60

D

30

10

Estimate the product by rounding each number to its leading digit.

$$297 \times 3 = ?$$

A

approx 90

B

approx 891

C

approx 1,200

D

approx 900

11

Estimate the difference by rounding each number to the nearest 100

$$801 - 401 = ?$$

A

200

B

600

C

700

D

400

12

Estimate the sum by rounding each number to the nearest 10

$$599 + 39 = ?$$

A

640

B

630

C

610

D

660

13

Estimate the product by rounding each number to its leading digit.

$$19 \times 59 = ?$$

A

approx 12,000

B

approx 1,121

C

approx 1,180

D

approx 1,200

14

Estimate the sum by rounding each number to the nearest 100

$$504 + 599 = ?$$

A

900

B

1100

C

1,200

D

1,400

15

Estimate the quotient by rounding each number to its leading digit.

$$812 \div 2 = ?$$

A

approx 300

B

approx 4,000

C

approx 500

D

approx 400

16

Estimate the quotient by rounding each number to its leading digit.

$$61 \div 18 = ?$$

A

approx 2

B

approx 4

C

approx 3

D

approx 30

**Use estimation to check reasonableness****17**

Estimate the quotient by rounding each number to its leading digit.

$$887 \div 31 = ?$$

A
approx 40B
approx 30C
approx 300D
approx 29**18**

Estimate the quotient by rounding each number to its leading digit.

$$796 \div 391 = ?$$

A
approx 1B
approx 20C
approx 2D
approx 3**19**

Estimate the difference by rounding each number to the nearest 10

$$581 - 52 = ?$$

A
530B
510C
540D
550