Estimating Products & Quotients · 1

Round 3,986 to the nearest thousand, then multiply: 3,986 × 8 ≈ ___

Estimating Products & Quotients · 2

Use compatible numbers to estimate 1,501 ÷ 4. Change 1,501 to the closest number that is a basic fact for 4 followed by zeros, then divide.

Estimating Products & Quotients · 3

Round both numbers to the nearest ten, then multiply: 37 × 81 ≈ ___

Estimating Products & Quotients · 4

Noah says 41 × 59 = 2,419. Round both numbers to the nearest ten and multiply to check. Is Noah's answer close to the estimate? Write yes or no.

Estimating Products & Quotients · 5

To estimate 63 × 82, Ethan uses 60 × 80 = 4,800. Is the exact product greater than or less than 4,800? Write greater or less.

Estimating Products & Quotients · 6

Use compatible numbers to estimate 1,534 ÷ 8. Change 1,534 to the closest number that is a basic fact for 8 followed by zeros, then divide.

Estimating Products & Quotients · 7

A school buys 3 laptops that cost $592 each. About how many dollars do they cost in all? Round $592 to the nearest hundred first.

Estimating Products & Quotients · 8

2,534 people sit in 5 equal sections at a concert. About how many people are in each section? Use compatible numbers.

Estimating Products & Quotients · 2

ANSWER

400

Estimating Products & Quotients · 1

ANSWER

32,000

Estimating Products & Quotients · 4

ANSWER

yes

Estimating Products & Quotients · 3

ANSWER

3,200

Estimating Products & Quotients · 6

ANSWER

200

Estimating Products & Quotients · 5

ANSWER

greater

Estimating Products & Quotients · 8

ANSWER

500

Estimating Products & Quotients · 7

ANSWER

1,800

Estimating Products & Quotients · 9

Round both numbers to the nearest ten, then multiply: 54 × 28 ≈ ___

Estimating Products & Quotients · 10

Use compatible numbers to estimate 3,361 ÷ 5. Change 3,361 to the closest number that is a basic fact for 5 followed by zeros, then divide.

Estimating Products & Quotients · 11

Round 8,842 to the nearest thousand, then multiply: 8,842 × 5 ≈ ___

Estimating Products & Quotients · 12

Ethan says 69 × 88 = 12,372. Round both numbers to the nearest ten and multiply to check. Is Ethan's answer close to the estimate? Write yes or no.

Estimating Products & Quotients · 13

Use compatible numbers to estimate 1,601 ÷ 4. Change 1,601 to the closest number that is a basic fact for 4 followed by zeros, then divide.

Estimating Products & Quotients · 14

To estimate 64 × 41, Ava uses 60 × 40 = 2,400. Is the exact product greater than or less than 2,400? Write greater or less.

Estimating Products & Quotients · 15

A machine makes 2,451 bottle caps in 3 hours, the same number each hour. About how many bottle caps does it make each hour? Use compatible numbers.

Estimating Products & Quotients · 16

A plane flies 2,907 miles every day. About how many miles does it fly in 7 days? Round 2,907 to the nearest thousand first.

Estimating Products & Quotients · 10

ANSWER

700

Estimating Products & Quotients · 9

ANSWER

1,500

Estimating Products & Quotients · 12

ANSWER

no

Estimating Products & Quotients · 11

ANSWER

45,000

Estimating Products & Quotients · 14

ANSWER

greater

Estimating Products & Quotients · 13

ANSWER

400

Estimating Products & Quotients · 16

ANSWER

21,000

Estimating Products & Quotients · 15

ANSWER

800

Estimating Products & Quotients · 17

Round 2,243 to the nearest thousand, then multiply: 2,243 × 4 ≈ ___

Estimating Products & Quotients · 18

Use compatible numbers to estimate 5,416 ÷ 8. Change 5,416 to the closest number that is a basic fact for 8 followed by zeros, then divide.

Estimating Products & Quotients · 19

Round both numbers to the nearest ten, then multiply: 96 × 14 ≈ ___

Estimating Products & Quotients · 20

Ethan says 68 × 52 = 35,360. Round both numbers to the nearest ten and multiply to check. Is Ethan's answer close to the estimate? Write yes or no.

Estimating Products & Quotients · 21

To estimate 46 × 56, Leo uses 50 × 60 = 3,000. Is the exact product greater than or less than 3,000? Write greater or less.

Estimating Products & Quotients · 22

Use compatible numbers to estimate 1,576 ÷ 4. Change 1,576 to the closest number that is a basic fact for 4 followed by zeros, then divide.

Estimating Products & Quotients · 23

A theater has 15 rows with 12 seats in each row. About how many seats is that? Round both numbers to the nearest ten first.

Estimating Products & Quotients · 24

2,905 people sit in 5 equal sections at a concert. About how many people are in each section? Use compatible numbers.

Estimating Products & Quotients · 18

ANSWER

700

Estimating Products & Quotients · 17

ANSWER

8,000

Estimating Products & Quotients · 20

ANSWER

no

Estimating Products & Quotients · 19

ANSWER

1,000

Estimating Products & Quotients · 22

ANSWER

400

Estimating Products & Quotients · 21

ANSWER

less

Estimating Products & Quotients · 24

ANSWER

600

Estimating Products & Quotients · 23

ANSWER

200