Estimating Products & Quotients · 1

Round 910 to the nearest hundred, then multiply: 910 × 3 ≈ ___

Estimating Products & Quotients · 2

Which number is closest to 629 and easy to divide by 8: 560, 640 or 720?

Estimating Products & Quotients · 3

Round both numbers to the nearest ten, then multiply: 91 × 87 ≈ ___

Estimating Products & Quotients · 4

Use compatible numbers to estimate 279 ÷ 3. Change 279 to the closest number that is a basic fact for 3 followed by zeros, then divide.

Estimating Products & Quotients · 5

Round 977 to the nearest hundred, then multiply: 977 × 4 ≈ ___

Estimating Products & Quotients · 6

To estimate 83 × 5, Ethan rounds 83 to 80 and gets 80 × 5 = 400. Is the exact product greater than or less than 400? Write greater or less.

Estimating Products & Quotients · 7

Each pack holds 76 trading cards. About how many trading cards are in 6 packs? Round 76 to the nearest ten first.

Estimating Products & Quotients · 8

Use compatible numbers to estimate 487 ÷ 7. Change 487 to the closest number that is a basic fact for 7 followed by zeros, then divide.

Estimating Products & Quotients · 2

ANSWER

640

Estimating Products & Quotients · 1

ANSWER

2,700

Estimating Products & Quotients · 4

ANSWER

90

Estimating Products & Quotients · 3

ANSWER

8,100

Estimating Products & Quotients · 6

ANSWER

greater

Estimating Products & Quotients · 5

ANSWER

4,000

Estimating Products & Quotients · 8

ANSWER

70

Estimating Products & Quotients · 7

ANSWER

480

Round both numbers to the nearest ten, then multiply: 22 × 15 ≈ ___

Use compatible numbers to estimate 634 ÷ 7. Change 634 to the closest number that is a basic fact for 7 followed by zeros, then divide.

Round 342 to the nearest hundred, then multiply: 342 × 2 ≈ ___

To estimate 39 × 9, Leo rounds 39 to 40 and gets 40 × 9 = 360. Is the exact product greater than or less than 360? Write greater or less.

Round both numbers to the nearest ten, then multiply: 49 × 17 ≈ ___

Use compatible numbers to estimate 333 ÷ 8. Change 333 to the closest number that is a basic fact for 8 followed by zeros, then divide.

A school buys 7 laptops that cost $643 each. About how many dollars do they cost in all? Round $643 to the nearest hundred first.

5,416 people sit in 7 equal sections at a concert. About how many people are in each section? Use compatible numbers.

Estimating Products & Quotients · 10

ANSWER

90

Estimating Products & Quotients · 9

ANSWER

400

Estimating Products & Quotients · 12

ANSWER

less

Estimating Products & Quotients · 11

ANSWER

600

Estimating Products & Quotients · 14

ANSWER

40

Estimating Products & Quotients · 13

ANSWER

1,000

Estimating Products & Quotients · 16

ANSWER

800

Estimating Products & Quotients · 15

ANSWER

4,200

Estimating Products & Quotients · 17

Round both numbers to the nearest ten, then multiply: 36 × 65 ≈ ___

Estimating Products & Quotients · 18

Use compatible numbers to estimate 3,985 ÷ 5. Change 3,985 to the closest number that is a basic fact for 5 followed by zeros, then divide.

Estimating Products & Quotients · 19

Round 8,659 to the nearest thousand, then multiply: 8,659 × 6 ≈ ___

Estimating Products & Quotients · 20

To estimate 608 × 6, Lily rounds 608 to 600 and gets 600 × 6 = 3,600. Is the exact product greater than or less than 3,600? Write greater or less.

Estimating Products & Quotients · 21

Zoe says 32 × 39 = 1,248. Round both numbers to the nearest ten and multiply to check. Is Zoe's answer close to the estimate? Write yes or no.

Estimating Products & Quotients · 22

Use compatible numbers to estimate 4,414 ÷ 5. Change 4,414 to the closest number that is a basic fact for 5 followed by zeros, then divide.

Estimating Products & Quotients · 23

A theater has 92 rows with 28 seats in each row. About how many seats is that? Round both numbers to the nearest ten first.

Estimating Products & Quotients · 24

270 people sit in 4 equal sections at a concert. About how many people are in each section? Use compatible numbers.

Estimating Products & Quotients · 18

ANSWER

800

Estimating Products & Quotients · 17

ANSWER

2,800

Estimating Products & Quotients · 20

ANSWER

greater

Estimating Products & Quotients · 19

ANSWER

54,000

Estimating Products & Quotients · 22

ANSWER

900

Estimating Products & Quotients · 21

ANSWER

yes

Estimating Products & Quotients · 24

ANSWER

70

Estimating Products & Quotients · 23

ANSWER

2,700