Practice 1.5 to 1.8

Name_____

Round the whole number to the given place value.

1) 40,733 to the nearest hundred

2) 21,731,472 to the nearest million

Round the following to the nearest ten, nearest hundred, and nearest thousand.

3) 3394

Estimate the sum or difference by rounding each number to the nearest ten.

4)
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   21
   96
   66
   15
 + 77
```

Estimate the sum or difference by rounding each number to the nearest hundred.

5)
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   726
 - 155
```
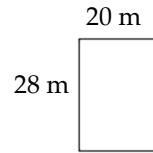
Solve the problem by estimating.

6) Linda scored 92, 65, 80, 88, 84, and 100 on her calculus tests. Round each score to the nearest ten to estimate her total score.

Multiply.

7) (340)(40)

8) 70 · 600

Find the area of the rectangle.

9)

20 m

28 m

Solve.

10) A case of candy bars has 3 layers of candy bars. In each layer are 8 rows with 16 candy bars in each row. Find how many candy bars are in a case.

11) There are 85 puppies in a room, with an assortment of black and white ears and paws. 20 have totally black ears and 3 white paws, 17 puppies have 1 black ear and 3 white paws, and 48 have no black ears and 1 white paw. How many black paws are in the room?

12) Find 205 divided by 4.

13) Ms. Losch has a piece of rope 202 feet long that she cuts into pieces for an experiment in her first–grade class. Each piece of rope is to be 7 feet long. How many 7 foot long pieces of rope can she cut from the original piece of rope.

14) Joshua wishes to pay off a car loan of $7740 in 36 months. How large will his monthly payment be?

Find the average of the list of numbers.

15) 91, 77, 60, 55, 84, 59

Solve.

16) What is the product of 57 and 5?

17) What is the quotient of 21 and 7?

18) Leslie enjoys skiing in the winter. Last year she skied 19 times and spent a total of $589. How much did it cost her each time?

1) 40,700
ID: DEVMAT3M 1.5.1–2+

2) 22,000,000
ID: DEVMAT3M 1.5.1–6+

3) Ten   3390
Hundred   3400
Thousand 3000
ID: DEVMAT3M 1.5.1–13+

4) 290
ID: DEVMAT3M 1.5.2–1

5) 500
ID: DEVMAT3M 1.5.2–7

6) 510
ID: DEVMAT3M 1.5.3–3+

7) 13,600
ID: DEVMAT3M 1.6.2–10+

8) 42,000
ID: DEVMAT3M 1.6.3–5+

9) 560 sq m
ID: DEVMAT3M 1.6.4–6

10) 384 candy bars
ID: DEVMAT3M 1.6.5–5+

11) 181
ID: DEVMAT3M 1.6.5–10+

12) 51 R 1
ID: DEVMAT3M 1.7.3–2+

13) 28 pieces of rope
ID: DEVMAT3M 1.7.3–6+

14) $215
ID: DEVMAT3M 1.7.3–8+

15) 71
ID: DEVMAT3M 1.7.4–1+

16) 285
ID: DEVMAT3M 1.8.1–4+

17) 3
ID: DEVMAT3M 1.8.1–5+

18) $31
ID: DEVMAT3M 1.8.1–12