Name _____ **Date** _____ **Time** _____

Multiply.

1. **a.** $20 \times 30 =$ _____

   b. $20 \times 300 =$ _____

2. **a.** $40 \; [50s] =$ _____

   b. $40 \; [500s] =$ _____

3. How many 6s are there in 240? _____

4. How many 60s are there in 2,400? _____

5. How much do four 180-pound pumas weigh? _____ pounds

   Explain how you got your answer.

   _____

   _____

6. This is part of a *Factor Bingo* game mat.
   Put an *X* on the square you could cover
   if you turned over a 4.

15	21	30
32	50	27
43	82	70

Multiply. Fill in the missing numbers. Use the partial-products algorithm.

7.
```
      3 8
  ×   5 0
    1 5 0 □
  +   □□□
    1 □ 0 0
```

8.
```
      2 7
  ×   4 6
    8 0 0
    □ 8 0
    1 □ 0
  +     4 2
    □□ 4 2
```

9.
```
      9 3 6
  ×       4
    □□□ □□□
       □□ □□
  +     □□ □□
    □□□□ □□□
```

10.
```
      6 8
  ×   3 5
    □□□ □□□
    □□□ □□□
       □□ □□
  +    □□ □□
    □□□□ □□□
```
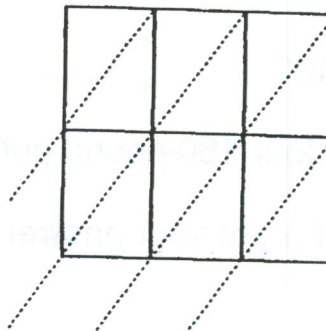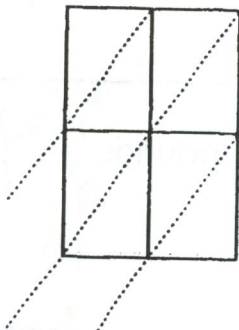
Use with Lesson 9.14.

Multiply. Use the lattice method.

11. 42 × 17 = _____

12. 306 × 30 = _____

13. Marge is buying hamburger buns for Family Math Night.
She needs 150 buns. They come in packages of 8.
How many packages should she buy? _____ packages

Explain how you got your answer: _____

_____

_____

14. $84 is shared equally by 5 friends.

   a. How many $10 bills does each friend get? _____ $10 bill(s)

   b. How many $1 bills does each friend get? _____ $1 bill(s)

   c. How many $1 bills are left over? _____ $1 bill(s)

   d. If the leftover money is shared equally,
   how many cents does each friend get? _____

   e. Each friend gets a total of _____.

   f. Number model: _____

15. In the morning, it was −3°F. By noon, it had warmed up to 14°F.
How much warmer was it at noon than in the morning? _____°

Explain how you worked: _____

_____