

Name _____

Multiply by Tens**COMMON CORE STANDARD** CC.4.NBT.5

Use place value understanding and properties of operations to perform multi-digit arithmetic.

Choose a method. Then find the product. **Methods will vary.**

1. 16×60

Use the halving-and-doubling strategy.

Find half of 16: $16 \div 2 = 8$.Multiply this number by 60: $8 \times 60 = 480$ Double this result: $2 \times 480 = 960$ 960

2. 80×22

3. 30×52

4. 60×20

1,7601,5601,200

5. 40×35

6. 10×90

7. 31×50

1,4009001,550**Problem Solving** 

8. Kenny bought 20 packs of baseball cards. There are 12 cards in each pack. How many cards did Kenny buy?

9. The Hart family drove 10 hours to their vacation spot. They drove an average of 48 miles each hour. How many miles did they drive in all?

240 cards480 miles

Lesson Check (CC.4.NBT.5)

1. For the school play, 40 rows of chairs are set up. There are 22 chairs in each row. How many chairs are there in all?
 (A) 800
 (B) 840
 (C) 880
 (D) 8,800
2. At West School, there are 20 classrooms. Each classroom has 20 students. How many students are at West School?
 (A) 40
 (B) 400
 (C) 440
 (D) 4,000

Spiral Review (CC.4.OA.1, CC.4.OA.2, CC.4.OA.3, CC.4.NBT.4)

3. Alex has 48 stickers. This is 6 times the number of stickers Max has. How many stickers does Max have? (Lesson 2.1)
 (A) 6
 (B) 7
 (C) 8
 (D) 9
4. Ali's dog weighs 8 times as much as her cat. Together, the two pets weigh 54 pounds. How much does Ali's dog weigh? (Lesson 2.2)
 (A) 6 pounds
 (B) 42 pounds
 (C) 46 pounds
 (D) 48 pounds
5. Allison has 3 containers with 25 crayons in each. She also has 4 boxes of markers with 12 markers in each box. She gives 10 crayons to a friend. How many crayons and markers does Allison have now? (Lesson 2.12)
 (A) 34
 (B) 113
 (C) 123
 (D) 133
6. The state of Utah covers 82,144 square miles. The state of Montana covers 145,552 square miles. What is the total area of the two states? (Lesson 1.6)
 (A) 63,408 square miles
 (B) 223,408 square miles
 (C) 227,696 square miles
 (D) 966,992 square miles