Name: _____

**Solve each problem.**

1) At the soda shop they sold three hotdogs on Monday. On Tuesday they sold three times as many hotdogs. How many hotdogs did they sell on Tuesday?

2) Nancy used seven beads to make a bracelet. To make a necklace it takes six times as many beads. How many beads does it take to make a necklace?

3) On her MP3 player Isabel had forty-eight pop songs and eight country songs. How many times more pop songs did she have than country songs?

4) Janet's new computer had sixteen gigs of memory, four times as much as her old computer. How much memory does her old computer have?

5) A restaurant had four items on the menu that were low calories. They had eight times as many high calorie items. How many high calorie items did they have?

6) At the ring toss booth in a carnival two people lost and eight people won. How many times as many people won as lost?

7) A restaurant sold two times as many salads as they sold steaks. If they sold six salads, how many steaks did they sell?

8) A library checks out thirty-six fiction books and nine non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?

9) Carol used twenty-seven beads to make a necklace and nine to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?

10) A pizza store sold five ham pizzas. They sold three times as many pepperoni pizzas. How many pepperoni pizzas did they sell?

11) At the ring toss booth in a carnival eight times as many people lost as won. If forty people lost, how many people won?

12) Faye sent seventy-two text messages a day, which is eight times as many texts as Sam. How many texts did Sam send?

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

**Math**        www.CommonCoreSheets.com        4

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11-12 | 8 | 0 | | | | | | | | |

**Solve each problem.**

**Answers**

**1)** At the soda shop they sold three hotdogs on Monday. On Tuesday they sold three times as many hotdogs. How many hotdogs did they sell on Tuesday?

Compare - (Unknown Product)

1. _____ **9**

**2)** Nancy used seven beads to make a bracelet. To make a necklace it takes six times as many beads. How many beads does it take to make a necklace?

Compare - (Unknown Product)

2. _____ **42**

3. _____ **6**

**3)** On her MP3 player Isabel had forty-eight pop songs and eight country songs. How many times more pop songs did she have than country songs?

Compare - (Number Of Groups Unknown)

4. _____ **4**

5. _____ **32**

**4)** Janet's new computer had sixteen gigs of memory, four times as much as her old computer. How much memory does her old computer have?

Compare - (Group Size Unknown)

6. _____ **4**

7. _____ **3**

**5)** A restaurant had four items on the menu that were low calories. They had eight times as many high calorie items. How many high calorie items did they have?

Compare - (Unknown Product)

8. _____ **4**

**6)** At the ring toss booth in a carnival two people lost and eight people won. How many times as many people won as lost?

Compare - (Number Of Groups Unknown)

9. _____ **3**

10. _____ **15**

**7)** A restaurant sold two times as many salads as they sold steaks. If they sold six salads, how many steaks did they sell?

Compare - (Group Size Unknown)

11. _____ **5**

12. _____ **9**

**8)** A library checks out thirty-six fiction books and nine non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?

Compare - (Number Of Groups Unknown)

**9)** Carol used twenty-seven beads to make a necklace and nine to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?

Compare - (Number Of Groups Unknown)

**10)** A pizza store sold five ham pizzas. They sold three times as many pepperoni pizzas. How many pepperoni pizzas did they sell?

Compare - (Unknown Product)

**11)** At the ring toss booth in a carnival eight times as many people lost as won. If forty people lost, how many people won?

Compare - (Group Size Unknown)

**12)** Faye sent seventy-two text messages a day, which is eight times as many texts as Sam. How many texts did Sam send?

Compare - (Group Size Unknown)

| 1-10 | 92 | 83 | 75 | 67 | 58 | 50 | 42 | 33 | 25 | 17 |
|------|----|----|----|----|----|----|----|----|----|----|
| 11-12 | 8 | 0 | | | | | | | | |

Name: _____

**Solve each problem.**

| 42 | 4 | 4 | 3 | 3 |
|----|---|---|---|---|
| 6 | 32 | 15 | 4 | 9 |

1. _____

**1)** At the soda shop they sold 3 hotdogs on Monday. On Tuesday they sold 3 times as many hotdogs. How many hotdogs did they sell on Tuesday?

2. _____

3. _____

**2)** Nancy used 7 beads to make a bracelet. To make a necklace it takes 6 times as many beads. How many beads does it take to make a necklace?

4. _____

5. _____

**3)** On her MP3 player Isabel had 48 pop songs and 8 country songs. How many times more pop songs did she have than country songs?

6. _____

7. _____

**4)** Janet's new computer had 16 gigs of memory, 4 times as much as her old computer. How much memory does her old computer have?

8. _____

9. _____

**5)** A restaurant had 4 items on the menu that were low calories. They had 8 times as many high calorie items. How many high calorie items did they have?

10. _____

**6)** At the ring toss booth in a carnival 2 people lost and 8 people won. How many times as many people won as lost?

**7)** A restaurant sold 2 times as many salads as they sold steaks. If they sold 6 salads, how many steaks did they sell?

**8)** A library checks out 36 fiction books and 9 non-fiction books an hour. How many times more fiction books do they check out than non-fiction books?

**9)** Carol used 27 beads to make a necklace and 9 to make a bracelet. How many times more beads did she use for a necklace than for a bracelet?

**10)** A pizza store sold 5 ham pizzas. They sold 3 times as many pepperoni pizzas. How many pepperoni pizzas did they sell?

| 1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|------|----|----|----|----|----|----|----|----|----|---|