Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_

**Topic 5 Review**

**Directions: Choose the best answer. Write the letter of your answer on the line provided on the answer sheet.**

1. Which of the following is 3200 ÷ 80?
2. 4
3. 400
4. 40
5. 4000
6. Leonard is buying pencils for his class. Each box of pencils has 12 pencils and he buys 10 boxes of pencils. If there are a total of 24 students in his class, which of the following can be used to find out how many pencils each student will get?
7. 10 x 12 – 24 = 96 pencils
8. 10 x 12 ÷ 24 = 5 pencils
9. 24 + 10 ÷ 12 = about 2 pencils
10. 24 ÷ 10 + 12 = about 14 pencils
11. Which of the following is the quotient of 5,400 ÷ 60?
12. 90
13. 9
14. 900
15. 9000
16. A costume store has ordered 854 skeleton masks for Halloween. If the store sells 50 masks a day, how many days after they start selling, will they run out?
17. 17 days
18. 18 days
19. 180 days
20. 7 days

1. Alina needs to buy 130 cookies for the lunch. According to the prices shown, how much would she save if she bought the cookies by the baker’s dozen instead of buying them separately?

|  |  |
| --- | --- |
| **Cookie Prices** | |
| One cookie | $1 |
| Baker’s Dozen (13 cookies) | $10 |

1. $100
2. $30
3. $13
4. $130
5. The Height of two buildings are given in the table. About how many times taller is the Office than the house?

|  |  |
| --- | --- |
| **Building** | **Height (in feet)** |
| House | 31 |
| Office | 191 |

1. 18
2. 8
3. 6
4. 2
5. How many tables that seat six are required to provide places for 65 people at a banquet?
6. 9 tables
7. 11 tables
8. 10 tables
9. 8 tables
10. A company made 270 tee-shirts and shipped them out in boxes. If there were 45 tee-shirts in each box, how many boxes were shipped?
11. 7
12. 5
13. 6
14. 3
15. There are 239 teachers in the grades K-6, 119 of them are men. How many more teachers are women than men?
16. 120 teachers
17. 1 teacher
18. 119 teachers
19. 193 teachers

**Directions: Use mental math to solve.**

1. 420 ÷ 60 = \_\_7\_\_\_\_\_
2. 560 ÷ 7 = \_\_\_80\_\_\_\_\_
3. 72,000 ÷ 800 = \_\_\_90\_\_\_\_\_

**Directions: Solve on scratch paper.** (1 point each)

1. 34 ) 682 \_\_\_20 R 2\_\_\_\_
2. 20 ) 478 \_\_\_23 R 18\_\_\_
3. 12 ) 585 \_\_\_48 R 9\_\_\_

**Directions: Tell whether the problem has extra or missing information. Solve if possible.**

1. The Girls Scout troop 54594 was selling cookies. Asma sold 34 cookies Monday. Mary sold 45 cookies over the next 2 days. Yasmine sold 32 total on Monday and Wednesday. How many cookies did they sell all together?

|  |
| --- |
| Extra information (Troop # and days of the week) |
| 111 cookies sold total |
|  |

**Directions: Use the table to solve numbers 17 through 21.** (1 point each)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Hockey Supplies Sold** | | | | | |
| Hockey  Supplies | Tape for sticks | Sticks | Towels | Water Bottles | Pucks |
| Number Sold | 690 | 64 | 440 | 572 | 768 |

1. Tape is packaged 15 rolls to a box.

How many boxes of tape did the store sell? \_\_\_\_\_\_46\_\_\_\_\_\_\_\_\_\_

1. The total sales of sticks were $3,712.

How much did each stick cost? \_\_\_\_\_\_\_58\_\_\_\_\_\_\_\_\_\_

1. Pucks are delivered in cartons of 48 pucks.

If the store orders 768 pucks, how many cartons

will they receive? \_\_\_\_\_16\_\_\_\_\_\_\_\_\_\_

1. Towels are packaged in sets of 15 towels each.

How many complete sets did the store sell? \_\_\_\_\_\_\_29\_(29R5)\_\_

**Directions: Solve and explain.**

1. School policy states that on field trips, there should be one adult chaperone for every 9 students. If 98 students are boys, 101 students are girls, how many adult chaperones are needed? Explain how you found your answer.

|  |
| --- |
| (101 + 98) / 9 = 22 R1 so 23 chaperones |
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