

Name _____ Date _____

Unit 6: Home Practice

Part 1 Subtraction Practice

- | | |
|---------------------------------|----------------------------------|
| A. $15 - 9 = \underline{\quad}$ | B. $17 - 10 = \underline{\quad}$ |
| C. $9 - 4 = \underline{\quad}$ | D. $11 - 7 = \underline{\quad}$ |
| E. $7 - 2 = \underline{\quad}$ | F. $12 - 3 = \underline{\quad}$ |
| G. $14 - 8 = \underline{\quad}$ | H. $18 - 9 = \underline{\quad}$ |
- Tara had a hard time finding the answer to 1G. How did you find the answer to this subtraction fact? Share your strategy.

Part 2 Add and Subtract

- Solve the addition and subtraction problems.

A. $156 + 54 = \underline{\quad}$ B. $232 - 29 = \underline{\quad}$

C. $\begin{array}{r} 57 \\ + 43 \\ \hline \end{array}$	D. $\begin{array}{r} 49 \\ + 12 \\ \hline \end{array}$
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- Sharon works at a flower shop. She received a shipment of roses and carnations. She got 48 roses. She got 60 more carnations than roses.
 - How many carnations did she receive? _____
Write a number sentence for your answer. _____
 - How many flowers did she receive in all? _____
Write a number sentence for your answer. _____

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Home Practice

Part 1. Subtraction Practice (TG p. 1)

Questions 1–2

- | | |
|------|------|
| A. 6 | B. 7 |
| C. 5 | D. 4 |
| E. 5 | F. 9 |
| G. 6 | H. 9 |

- Strategies will vary. One possible strategy is to use doubles; 14 is the double of 7. Since 8 is one more than 7, the answer will be one less, 6.

Part 2. Add and Subtract (TG p. 1)

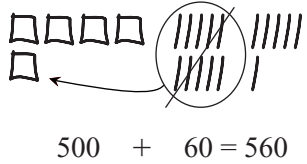
Questions 1–2

- | | |
|--------|--------|
| A. 210 | B. 203 |
| C. 100 | D. 61 |

- | |
|--------------------------------------|
| A. 108 carnations
$48 + 60 = 108$ |
| B. 156 flowers
$108 + 48 = 156$ |

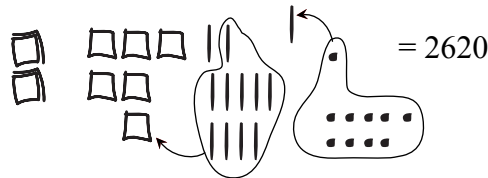
Part 3. Place Value Practice (TG p. 2)
Questions 1–3

1. No. 16 skinnies = 160 bits, not 16 bits.
 160 bits + 400 bits = 560 bits.



2. **A.** high school
B. middle school
C. 2219; 1321; 1299

3. 2620 cans
 Possible response: First I thought about base-ten pieces and used base-ten shorthand to show 1321 and 1299. Then I added the numbers and made trades to show the number with fewest pieces.



To check my answer I used mental math. I took one from 1321 to make the 1299 into 1300 and the 1321 into 1320. Then I doubled 1300 to make 2600 and added the 20 to make 1320.

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Part 3 Place Value Practice

1. Mario covered a piece of paper with base-ten pieces. He used 4 flats and 16 skinnies. Beth said, "That's the same as 416 bits." Is Beth correct? Why or why not? Show your answer using base-ten shorthand.

2. The grade school collected 1321 cans of food for a charity. The middle school collected 1299 cans. The high school collected 2219 cans.
 - A. Which school collected the most cans? _____
 - B. Which school collected the least? _____
 - C. List the numbers from largest to smallest.

3. How many cans did the grade school and middle school collect altogether? Solve this problem. Check your answer using a second method.

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Part 4 Time and Money

Show how you solve each problem.

1. Ann Marie has some quarters, nickels, and dimes. She has ten coins in all. Half of them are quarters.

A. What is the most money Ann Marie could have?

B. What is the least amount of money Ann Marie could have?

2. At the zoo, Joe's dad bought 5 snow cones, one for each family member. One snow cone costs \$1.26 including tax. How much do 5 snow cones cost?

3. Yolanda and Julia went to the park at 2:45. They stayed and played until 4:30. How long were they at the park?

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Part 4. Time and Money (TG p. 3)

Questions 1–3

1. A. $\$1.70$ (5 quarters + 4 dimes + 1 nickel = $\$1.25 + \$0.40 + \$0.05 = \1.70)

Possible response: I made a table. First I put in 5 quarters since 5 is half of 10. Then I put in 4 dimes because that is the most I could have. Then I added in one nickel.

Coins	Total
Quarter	25¢
Quarter	50¢
Quarter	75¢
Quarter	\$1.00
Quarter	\$1.25
Dime	\$1.35
Dime	\$1.45
Dime	\$1.55
Dime	\$1.65
Nickel	\$1.70

B. $\$1.55$ (5 quarters + 4 nickels + 1 dime = $\$1.25 + \$0.20 + \$0.10 = \1.55)

Possible response: I add the coins. I know that five quarters will be \$1.25. I added in 4 nickels or 20¢ so I had \$1.45. Then I added in 1 dime for \$1.55.

2. $\$6.30$ ($\$1.26 + \$1.26 + \$1.26 + \$1.26 + \$1.26 = \6.30)

Possible response: I drew a picture. First I added the 5 dollars. Then I added in 5 quarters or \$1.25, so I had \$6.25. Then I added the 5 pennies, so I had \$6.30.

$$\begin{array}{cccccc}
 \boxed{1\$} & \boxed{1\$} & \boxed{1\$} & \boxed{1\$} & \boxed{1\$} & = \$5.00 \\
 \textcircled{25} & \textcircled{25} & \textcircled{25} & \textcircled{25} & \textcircled{25} & = \$1.25 \\
 \textcircled{1} & \textcircled{1} & \textcircled{1} & \textcircled{1} & \textcircled{1} & = 5¢
 \end{array}$$

3. 1 hour and 45 minutes.

Possible response: I moved the minute hand 15 minutes from 2:45 to 3:00. Then from 3:00 to 4:00 is one hour and 4:00 to 4:30 is another 30 minutes. 1 hour + 15 minutes + 30 minutes = 1 hour and 45 minutes.

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