

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.
$$\begin{array}{r} 49 \\ + 12 \\ \hline \end{array}$$

- 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. _____

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.

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?

Name _____ Date _____

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- | | |
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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)

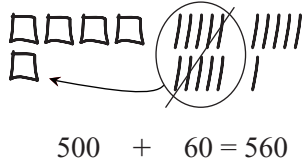
Questions 1–2

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

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

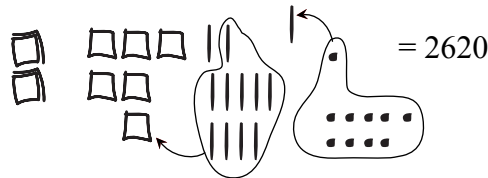
Part 3. Place Value Practice (TG p. 2)
Questions 1–3

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.

Name _____ Date _____

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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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