

# Who's the Smartest?

## Using Charts

**Directions:** Use the method you learned on the Facts and Reminders page for this unit to solve each of these problems. Fill out the chart to help find the answers to the questions.

1. Nick is smarter than Curly but not nearly as smart as Nosey. Daisy is smarter than Nosey but not as smart as Mickey. Slick is smarter than Mickey.

Who is the least smart? \_\_\_\_\_ Who is the smartest? \_\_\_\_\_

(less smart) ←————→ (smarter)

\_\_\_\_\_

2. Rocket is smarter than Fussy but not as smart as Doc. Molly is smarter than Doc but not as smart as you are. Buster is not as smart as Fussy.

Who is the least smart? \_\_\_\_\_ Who is the smartest? \_\_\_\_\_

(less smart) ←————→ (smarter)

\_\_\_\_\_

3. Daisy has more teeth than Dipsy and Beetle but not as many teeth as Curly. Nick has more teeth than Beetle but not as many teeth as Dipsy. Elmer has fewer teeth than Beetle. Buster has more teeth than Curly.

Who has the fewest teeth? \_\_\_\_\_ Who has the most teeth? \_\_\_\_\_

(fewest) ←————→ (most)

\_\_\_\_\_

Buster has 7 teeth. How many teeth does each person have?

Elmer: \_\_\_\_\_ teeth

Daisy: \_\_\_\_\_ teeth

Beetle: \_\_\_\_\_ teeth

Curly: \_\_\_\_\_ teeth

Nick: \_\_\_\_\_ teeth

Buster: \_\_\_\_\_ teeth

Dipsy: \_\_\_\_\_ teeth

# Who's the Smartest?

## Applications

**Directions:** Use the method you learned on the Facts and Reminders page to solve each of these problems.

1. Buster weighs 40 pounds more than Rocket and 80 pounds less than Molly. Daisy weighs 100 pounds more than Molly. Curly weighs 60 pounds less than Rocket.

Who weighs the least? \_\_\_\_\_ Who weighs the most? \_\_\_\_\_

(least) ←————→ (most)

\_\_\_\_\_

Buster weighs 200 pounds. How much does each weigh?

Buster 200 pounds Curly \_\_\_\_\_ pounds

Molly \_\_\_\_\_ pounds Rocket \_\_\_\_\_ pounds

Daisy \_\_\_\_\_ pounds

2. Lanky is 8 centimeters taller than Elmer, but he is 6 centimeters shorter than Molly. Buster is 9 centimeters taller than Molly but 10 centimeters shorter than Hairy. Nosey is 10 centimeters taller than Hairy. Dipsy is 5 centimeters shorter than Elmer.

Who is the shortest? \_\_\_\_\_ Who is the tallest? \_\_\_\_\_

(shortest) ←————→ (tallest)

\_\_\_\_\_

Dipsy is 120 centimeters tall. How tall is each person?

Dipsy \_\_\_\_\_ cm Buster \_\_\_\_\_ cm

Lanky \_\_\_\_\_ cm Hairy \_\_\_\_\_ cm

Elmer \_\_\_\_\_ cm Nosey \_\_\_\_\_ cm

Molly \_\_\_\_\_ cm

3. Buster has a longer nose than Lanky, but his nose is not as long as Hairy's. Elmer has a longer nose than Hairy, but it is not as long as Dipsy's nose. Nosey has a longer nose than Dipsy's. Dandy has the longest nose of all. On the back of this paper, make a chart showing the length of noses from shortest to longest.

# Answer Key

## Page 88

1. 31
2. January, March, May, July, August, October, December
3. February, April, June, September, November
4. 5
5. 4
6. 5
7. Mondays, Tuesdays, Wednesdays
8. 3
9. 19th, Friday
10. 25th, Thursday
11. 14th, Wednesday
12. 5th, Monday

## Page 89

1. April, June, September, November
2. 28th, Friday
3. 20
4. 10
5. Monday the 3rd
6. Friday the 28th
7. April
8. 10th, Wednesday
9. Thursday
10. 23rd, Tuesday
11. Answer will vary.
12. No, because February never has 30 days.

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1. February
2. No, they are not leap years and not evenly divisible by 400.
3. March, 21st
4. January, 4th
5. March, 25th
6. 60th
7. 306
8. 2 or 3
9. 15 or 16
10. 2400, It is the only century evenly divisible by 400.

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
			1	2	3	4

## Page 92

1. 2 pennies, 1 nickel, 2 quarters
2. 16 pennies, 1 nickel
3. 1 penny, 2 dimes, 3 quarters
4. 2 pennies, 2 nickels, 1 dime
5. 4 pennies, 2 nickels, 1 quarter
6. 3 pennies, 1 quarter, 1 half dollar

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1. 1 penny, 2 nickels, 8 quarters or 1 penny, 1 half dollar, 5 quarters, 3 dimes, 1 nickel
2. 3 pennies, 8 quarters, 2 half dollars
3. 2 pennies, 10 dimes, 7 quarters, 1 half dollar
4. 1 penny, 18 quarters
5. 2 pennies, 4 nickels, 1 quarter, 7 half dollars
6. 4 pennies, 1 dime, 2 half dollars, 12 quarters
7. 10 dimes, 17 pennies
8. 28 quarters, 1 dime, 3 nickels, 5 pennies

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1. 20 quarters, 2 pennies, 1 nickel, 3 dimes
2. 39 dimes, 11 nickels, 4 pennies
3. 80 quarters, 15 dimes, 1 nickel
4. 4 half dollars, 9 pennies, 15 dimes, 80 quarters
5. 1 dime, 34 quarters, 8 nickels
6. 3 nickels, 1 half dollar, 160 quarters, 80 dimes
7. 72 quarters, 26 dimes, 1 nickel, 1 penny
8. 3 pennies, 20 dimes, 10 nickels, 5 quarters

## Page 96

1. congruent
2. similar
3. congruent
4. congruent
5. similar
6. congruent
7. similar
8. neither
9. congruent
10. neither

## Page 100

- |          |            |
|----------|------------|
| 1. 6     | 12. 35.1   |
| 2. 16    | 13. 15.84  |
| 3. 10    | 14. 73.6   |
| 4. 48    | 15. 19     |
| 5. 54.4  | 16. 22.68  |
| 6. 10.5  | 17. 153    |
| 7. 62    | 18. 141.12 |
| 8. 14    | 19. 30.15  |
| 9. 194   | 20. 450    |
| 10. 15.4 | 21. 351    |
| 11. 49   |            |

## Page 101

- |          |            |
|----------|------------|
| 1. 100   | 12. 135    |
| 2. 60    | 13. 400    |
| 3. 72    | 14. 180    |
| 4. 300   | 15. 16     |
| 5. 105.6 | 16. 250    |
| 6. 25    | 17. 91     |
| 7. 95    | 18. 126    |
| 8. 120   | 19. 59.69  |
| 9. 270   | 20. 195.98 |
| 10. 240  | 21. 1519   |
| 11. 39   |            |

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- |          |          |
|----------|----------|
| 1. 12    | 9. 18.8  |
| 2. 24    | 10. 9.9  |
| 3. 40    | 11. 18.2 |
| 4. 21    | 12. 33.6 |
| 5. 31.5  | 13. 40   |
| 6. 50.4  | 14. 77   |
| 7. 43.5  | 15. 1.75 |
| 8. 122.4 |          |

## Page 104

1. least smart (Curly), smartest (Slick)
2. least smart (Buster), smartest (You)
3. fewest teeth (Elmer), most teeth (Buster) Elmer (1 tooth), Beetle (2 teeth), Nick (3 teeth), Dipsy (4 teeth), Daisy (5 teeth), Curly (6 teeth), Buster (7 teeth)

## Page 105

1. weighs the least (Curly), weighs the most (Daisy) Curly (100 pounds), Rocket (160 pounds), Buster (200 pounds), Molly (280 pounds), Daisy (380 pounds)
2. shortest (Dipsy), tallest (Nosey) Dipsy (120 cm), Elmer (125 cm), Lanky (133 cm), Molly (139 cm), Buster (148 cm), Hairy (158 cm), Nosey (168 cm)
3. Lanky, Buster, Hairy, Elmer, Dipsy, Nosey, Dandy

## Page 106

1. Rocket \$50, Daisy \$100, Dipsy \$200, Fussy \$400
2. youngest (Molly), oldest (Curly) Molly (5), Buster (6), Beetle (8), Nick (9), Doc (10), Mickey (11), Rocket (12), Curly (14)
3. eats the least (Curly), eats the most (Mickey) Curly (1.25), Beetle (2.5), Elmer (10), Dipsy (40), Molly (80), Daisy (320), Buster (640), Mickey (1280)