

Name \_\_\_\_\_

Date \_\_\_\_\_

### DIVISION STUDY GUIDE

1. Divide  $257 \div 3$ . \_\_\_\_\_

85r2

$$\begin{array}{r} 85 \text{ r} 2 \\ 3 \overline{) 257} \\ \underline{24} \phantom{0} \\ 17 \\ \underline{15} \phantom{0} \\ 20 \\ \underline{18} \\ 2 \end{array}$$

2. Divide  $402 \div 2$ . \_\_\_\_\_

201

$$\begin{array}{r} 201 \\ 2 \overline{) 402} \\ \underline{4} \phantom{0} \\ 0 \phantom{0} \\ \underline{0} \phantom{0} \\ 0 \end{array}$$

3. What is the remainder when 304 is divided by 3? remainder = 1

$$\begin{array}{r} 101 \text{ r} 1 \\ 3 \overline{) 304} \\ \underline{3} \phantom{0} \\ 0 \phantom{0} \\ \underline{0} \phantom{0} \\ 4 \\ \underline{3} \\ 1 \end{array}$$

4. Estimate the quotient:  $55 \div 7$ . about 8

5. Which is quotient is closest to 563 divided by 8?

A 50

B 60

C 70

D 80

6. Mr. Kaiser has 176 mints in the jar on his desk. If he divides the mints equally among eight of his students, how many mints will each student get?

- A 21 mints
- B 22 mints**
- C 23 mints
- D 26 mints

$$\begin{array}{r} 22 \\ 8 \overline{) 176} \\ \underline{-16} \phantom{0} \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

7. If you constructed a building with 87 floors and 16 offices on each floor, how many offices would be in the entire building?

- A 103 offices
- B 1,190 offices
- C 1,382 offices
- D 1,392 offices**

### REVIEW

8. Which number belongs in the blank?

$$(\underline{9} \times 4) \times 3 = 9 \times (4 \times 3)$$

9. Find the product of 84 and 32:

$$\begin{array}{r} 84 \\ \times 32 \\ \hline 168 \\ 2520 \\ \hline 2688 \end{array}$$

10. Round to the nearest dollar: \$135.<sup>78</sup>

\$136

11. Which of the following statements is true?

- A  $40.03 = 40.3$
- B  $40.03 < 40.03$
- C  $40.03 < 40.30$**
- D  $40.03 > 40.3$

12. Round 9.576 to the nearest hundredth:

9.58