

LONG DIVISION WITHOUT REMAINDERS

NAME: _____

HELPFUL EXAMPLE

$$3 \overline{) 72}$$

$$\begin{array}{r} \times 2 \\ 3 \overline{) 72} \\ \underline{6} \\ 12 \\ \underline{12} \\ 0 \end{array}$$

3 GOES INTO 7 ONLY 2 TIMES, AND 2 TIMES 3 EQUALS 6.

$$3 \overline{) 72}$$

$$\begin{array}{r} 2 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \end{array}$$

THEN SUBTRACT 7 MINUS 6, WHICH EQUALS 1.

$$3 \overline{) 72}$$

$$\begin{array}{r} 2 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \end{array}$$

BRING DOWN THE 2 AND START OVER.

$$3 \overline{) 72}$$

$$\begin{array}{r} \times 24 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

3 GOES INTO 12 EXACTLY 4 TIMES.

ANSWER

$$3 \times 24 = 72$$

$$3 \overline{) 72}$$

$$\begin{array}{r} 24 \\ 3 \overline{) 72} \\ \underline{-6} \\ 12 \\ \underline{-12} \\ 0 \end{array}$$

SUBTRACT 12 MINUS 12, WHICH EQUALS 0. WE'RE DONE!

DIVIDE.

1. $2 \overline{) 78}$

2. $4 \overline{) 96}$

3. $5 \overline{) 85}$

4. $3 \overline{) 87}$

5. $6 \overline{) 96}$

6. $2 \overline{) 94}$

7. $3 \overline{) 72}$

8. $4 \overline{) 76}$

9. $2 \overline{) 86}$

10. $3 \overline{) 81}$

11. $3 \overline{) 105}$

12. $2 \overline{) 146}$

13. $5 \overline{) 145}$

14. $7 \overline{) 168}$

15. $4 \overline{) 152}$

16. $2 \overline{) 184}$

17. $5 \overline{) 350}$

18. $4 \overline{) 316}$

19. $8 \overline{) 296}$

20. $3 \overline{) 312}$

21. $6 \overline{) 690}$

22. $3 \overline{) 441}$

23. $2 \overline{) 458}$

24. $7 \overline{) 973}$

25. $5 \overline{) 815}$

LONG DIVISION WITH REMAINDERS

NAME: _____

$$\begin{array}{r}
 2 \overline{) 47} \\
 \underline{4} \\
 0
 \end{array}$$

SOLVE THE SAME WAY YOU DID ON THE PREVIOUS PAGE.

HELPFUL EXAMPLE

$$\begin{array}{r}
 2 \overline{) 47} \\
 \underline{4} \\
 07 \\
 \underline{6} \\
 1
 \end{array}$$

2 x 23 = 46. IF YOU ADD THE REMAINDER 1, YOU GET 46 + 1 = 47.

DO YOU SEE HOW YOU STILL HAVE ONE LEFT WHEN YOU ARE DONE? THAT IS CALLED A REMAINDER.

DIVIDE.

1. $2 \overline{) 83}$

2. $3 \overline{) 85}$

3. $7 \overline{) 99}$

4. $4 \overline{) 87}$

5. $5 \overline{) 87}$

6. $6 \overline{) 95}$

7. $2 \overline{) 57}$

8. $3 \overline{) 94}$

9. $2 \overline{) 73}$

10. $4 \overline{) 79}$

11. $2 \overline{) 131}$

12. $4 \overline{) 150}$

13. $7 \overline{) 167}$

14. $9 \overline{) 170}$

15. $5 \overline{) 128}$

16. $3 \overline{) 116}$

17. $6 \overline{) 166}$

18. $2 \overline{) 193}$

19. $4 \overline{) 234}$

20. $8 \overline{) 301}$

21. $5 \overline{) 424}$

22. $7 \overline{) 905}$

23. $4 \overline{) 871}$

24. $6 \overline{) 764}$

25. $2 \overline{) 573}$