

2-15 Practice

Name Key Date _____

Solve using any method and show your work. Check your work with estimation.

1 75×43

$$\begin{array}{r} 3225 \\ \times 40 + 3 \\ 76 \quad 2800 \quad 210 \\ + \quad 200 \quad 15 \\ \hline 3225 \end{array}$$

2 63×38

$$\begin{array}{r} 2394 \\ \times 30 + 8 \\ 60 \quad 1800 \quad 480 \\ + \quad 90 \quad 24 \\ \hline 2394 \end{array}$$

3 84×84

$$\begin{array}{r} 7056 \\ \times 80 + 4 \\ 84 \quad 6400 \quad 320 \\ + \quad 320 \quad 16 \\ \hline 7056 \end{array}$$

4 28×56

$$\begin{array}{r} 1568 \\ \times 50 + 6 \\ 20 \quad 1000 \quad 120 \\ + \quad 400 \quad 48 \\ \hline 1568 \end{array}$$

5 81×54

$$\begin{array}{r} 4374 \\ \times 50 + 4 \\ 80 \quad 4000 \quad 320 \\ + \quad 50 \quad 4 \\ \hline 4374 \end{array}$$

6 47×47

$$\begin{array}{r} 2209 \\ \times 40 + 7 \\ 40 \quad 1600 \quad 280 \\ + \quad 280 \quad 49 \\ \hline 2209 \end{array}$$

7 96×83

$$\begin{array}{r} 7968 \\ \times 80 + 3 \\ 90 \quad 7200 \quad 270 \\ + \quad 480 \quad 18 \\ \hline 7968 \end{array}$$

8 17×56

$$\begin{array}{r} 952 \\ \times 50 + 6 \\ 10 \quad 500 \quad 60 \\ + \quad 350 \quad 42 \\ \hline 952 \end{array}$$

Solve.

Show your work.

9 Lana has a part-time job to help pay her college expenses. She works 8 hours a week and earns \$12 per hour. How much will she earn in 1 year (52 weeks)?

$$8 \times 12 \times 52 = t \quad t = \$4,992$$

$$\begin{array}{r} 12 \\ \times 8 \\ \hline \$96 \end{array}$$

$$\begin{array}{r} \$96/\text{week} \\ \times 52/\text{weeks} \\ \times 50 + 2 \\ 90 \quad 4500 \quad 180 \\ + \quad 300 \quad 12 \\ \hline 4992 \end{array}$$

10 A school supply store sells red pens in boxes of 48 and blue pens in boxes of 32. Principal Jones bought 25 boxes of red pens and 35 boxes of blue pens for his teachers. Which pens did he buy more of? How many more?

$$48 \times 25 = r \quad 32 \times 35 = b$$

$$\begin{array}{r} 48 \\ \times 25 \\ \hline 1200 \\ + 960 \\ \hline 1200 \text{ red pens} \end{array}$$

$$\begin{array}{r} 32 \\ \times 35 \\ \hline 1600 \\ + 1120 \\ \hline 1120 \text{ blue pens} \end{array}$$

$$\begin{array}{r} 1200 \\ - 1120 \\ \hline 80 \text{ more red pens} \end{array}$$

11 On a separate sheet of paper, write and solve your own multiplication word problem.
(You can email me your problem)

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