

NAME _____

DATE

2/22

Set A5 ★ Independent Worksheet 8

NO HW
PASSES

INDEPENDENT WORKSHEET

More Multiplication Menus

1a Fill in the blanks on the left side of the page. Then use the information to fill in the blanks on the right side of the page.

$1 \times 23 = \underline{\hspace{2cm}}$

$3 \times 23 = \underline{\hspace{2cm}}$

$2 \times 23 = \underline{\hspace{2cm}}$

$5 \times 23 = \underline{\hspace{2cm}}$

$10 \times 23 = \underline{\hspace{2cm}}$

$30 \times 23 = \underline{\hspace{2cm}}$

$20 \times 23 = \underline{\hspace{2cm}}$

$15 \times 23 = \underline{\hspace{2cm}}$

b Find the product shown below. Explain how you got your answer.

$25 \times 23 = \underline{\hspace{2cm}}$

2a Fill in the blanks on the left side of the page. Then use the information to fill in the blanks on the right side of the page.

$1 \times 35 = \underline{\hspace{2cm}}$

$3 \times 35 = \underline{\hspace{2cm}}$

$2 \times 35 = \underline{\hspace{2cm}}$

$5 \times 35 = \underline{\hspace{2cm}}$

$10 \times 35 = \underline{\hspace{2cm}}$

$30 \times 35 = \underline{\hspace{2cm}}$

$20 \times 35 = \underline{\hspace{2cm}}$

$15 \times 35 = \underline{\hspace{2cm}}$

b Find the product shown below. Explain how you got your answer.

$36 \times 35 = \underline{\hspace{2cm}}$

(Continued on back.)

NAME _____

DATE _____

Set A5 ★ Independent Worksheet 9



INDEPENDENT WORKSHEET

Pine Cones & School Supplies

The scouts made bags of pine cones to sell at the crafts fair. They made 24 bags. Each bag had 36 pine cones in it. How many pine cones did they use in all?

To solve this problem, multiply 24×36 .

One way to do this is to multiply to find 4 partial products and then add them up.	Another way is to use the standard algorithm.
$\begin{array}{r} 36 \\ \times 24 \\ \hline 20 \times 30 = 600 \\ 20 \times 6 = 120 \\ 4 \times 30 = 120 \\ 4 \times 6 = + 24 \\ \hline 864 \text{ pine cones} \end{array}$	$\begin{array}{r} 12 \\ 36 \\ \times 24 \\ \hline 144 \\ + 720 \\ \hline 864 \text{ pine cones} \end{array}$

Some people call the standard algorithm a short-cut because you don't have to write as much.

1 Use the standard algorithm to solve the problems below. Show your work.

Example

$$\begin{array}{r} 12 \\ 28 \\ \times 23 \\ \hline 84 \\ + 560 \\ \hline 644 \end{array}$$

$$\begin{array}{r} 32 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ \times 26 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ \times 24 \\ \hline \end{array}$$

(Continued on back.)

Independent Worksheet 9 Pine Cones & School Supplies (cont.)

2 Use the standard algorithm to solve the multiplication problems below. Show your work.

a Mr. Wu got 35 boxes of crayons for his fourth graders. Every box had 24 crayons in it. How many crayons in all?

b Ms. Penny got 18 packs of felt markers for her fifth graders. Each pack had 36 markers in it. How many markers in all?



CHALLENGE

c The office got 15 cartons of envelopes. Each carton had 12 boxes of envelopes in it. Each box had 54 envelopes in it. How many envelopes did they get in all?