



Multiplication of Three Digit Numbers

FREE Worksheet - 3

Time: 20 minutes

(Detailed solutions at the end)

1. There are 144 birds in a park. Each bird has 2 feet. How many feet are there in all?
 - a. 288
 - b. 292
 - c. 286
 - d. 284

2. There are 13 children in a club. Each child collects 2 animal cards. How many animal cards does the club collect altogether?

Answer: _____ animal cards

3. Nathalie earns \$173 a month. How much money does she earn in 8 months?
 - a. \$ 1368
 - b. \$ 1384
 - c. \$ 1376
 - d. \$ 1392

 4. What is 124×8 ?
 - a. 984
 - b. 992
 - c. 868
 - d. 124
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5. How many kites did Nora sell in a week if she sold 186 kites each day of the week?

Answer: _____ kites

6. Mrs. Lee sold 9 bags of curry puffs to a customer. If there were 7 curry puffs in each bag, how many curry puffs did she sell altogether?

Answer: _____ curry puffs

7. Mrs. Lam bought 5 refrigerators for \$361 each. How much did she pay for the refrigerators altogether?

- a. 1810
- b. 1815
- c. 1805
- d. 1795

8. Find the missing digit.

$$\begin{array}{r} \square \ 1 \ 2 \\ \times \quad \quad 4 \\ \hline 4 \ 4 \ 8 \end{array}$$

Answer: _____



9. Aryan received 3 cases with 170 paper clips each. How many paper clips did Aryan receive altogether?

Answer: _____ paper clips

10. Find the missing digit.

$$\begin{array}{r} \square 88 \\ \times \quad 5 \\ \hline 940 \end{array}$$

- a. 3
- b. 5
- c. 1
- d. 4



SOLUTIONS

Problem 1

Diagram illustrating the problem:

A row of boxes representing birds. The first two boxes are labeled "bird 1" and "bird 2", followed by an ellipsis, and the last box is labeled "bird 144". A bracket above the first two boxes is labeled "2". A larger bracket below the entire row is labeled "?".

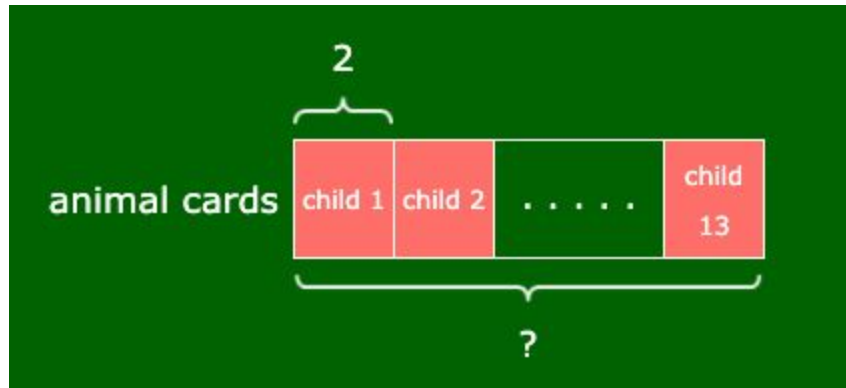
Below the diagram is a multiplication problem:

$$\begin{array}{r} 144 \\ \times 2 \\ \hline 288 \end{array}$$

There are 288 feet in all.



Problem 2



$$13 \times 2 = ?$$

$$\begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array}$$

The club collects 26 animal cards altogether.



Problem 3

The diagram shows a table with 8 columns labeled "Month 1" through "Month 8". Above the table, a bracket spans the entire width and is labeled "\$173". Below the table, a bracket spans the width of the first 8 months and is labeled with a question mark "?".

Below the table is a multiplication problem:

$$\begin{array}{r} \\ \\ \times \\ \hline 1 \\ 3 \\ 8 \\ 4 \end{array}$$

She earns \$1384 in 8 months.



Problem 4

$$\begin{array}{r} 1 4 \\ \times 8 \\ \hline 9 9 2 \end{array}$$

So, $124 \times 8 = 992$



Problem 5

1 week = 7 days

186

kites	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
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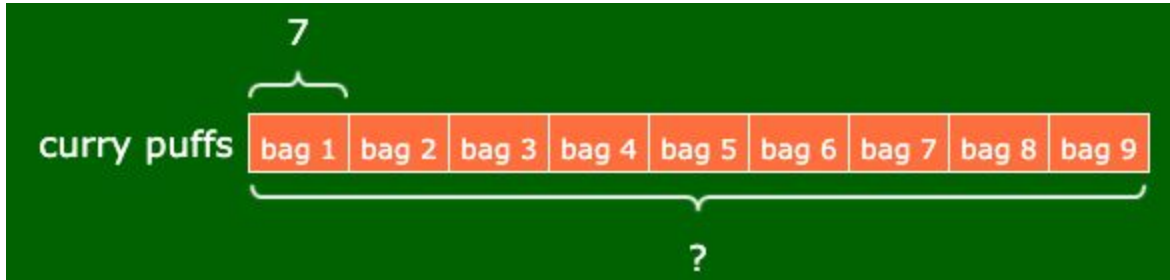
?

$$\begin{array}{r} ^6 1 ^4 8 6 \\ \times 7 \\ \hline 1 3 0 2 \end{array}$$

She sold 1302 kites in a week.



Problem 6



$$9 \times 7 = 63$$

She sold 63 curry puffs altogether.



Problem 7

\$361

refrigerators

1	2	3	4	5
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?

$$\begin{array}{r} 3361 \\ \times 5 \\ \hline 1805 \end{array}$$

She paid \$1805 for the refrigerators altogether.



Problem 8

$$? \times 4 = 448$$

$$448 \div 4 = ?$$

$$\begin{array}{r} 112 \\ 4 \overline{) 448} \\ \underline{-4} \\ 04 \\ \underline{-04} \\ 08 \\ \underline{-08} \\ 0 \end{array}$$

So, the missing digit is: 1



Problem 9

The diagram shows a green background with the number 170 at the top. Below it, a bracket groups three orange boxes labeled "case 1", "case 2", and "case 3". To the left of these boxes is the text "paper clips". Below the boxes, another bracket groups them with a question mark "?" underneath. At the bottom of the diagram is a multiplication problem:

$$\begin{array}{r} 1 \\ \times 3 \\ \hline 5 \end{array}$$

Aryan received 510 paper clips altogether.



Problem 10

$$\begin{array}{r} ? \times 5 = 940 \\ 940 \div 5 = ? \end{array}$$

$$\begin{array}{r} 188 \\ 5 \overline{) 940} \\ \underline{-5} \\ 44 \\ \underline{-40} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

So, the missing digit is: 1