Name _____

Another Look! You can use doubles facts to solve doubles-plus-2 facts.

$6 + 8 = ?$

$8 = 6 + 2$, so you can write

$6 + 8$ as $6 + 6 + 2$.

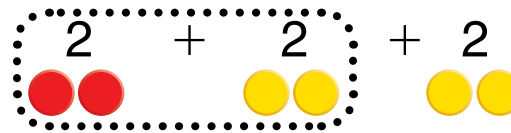| 6 + 6 | + 2 |

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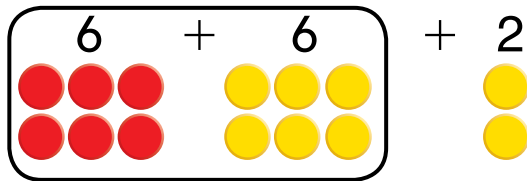
$6 + 6 = 12$

12 and 2 more is 14. So, $6 + 8 = 14$.

$2 + 4 = ?$

$4 = \underline{2} + \underline{2}$

2 + 2 + 2

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$\underline{2} + \underline{2} = \underline{4}$

$\underline{2} + \underline{4} = \underline{6}$
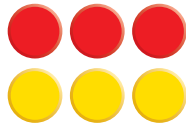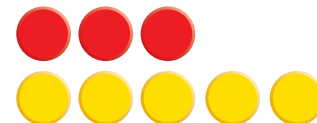
So, $\underline{2} + \underline{4} = \underline{6}$.

Add the doubles. Then use the doubles to help you solve the doubles-plus-2 facts.

1.
$\begin{array}{r} 3 \\ + 3 \\ \hline \square \end{array}$ 🔴🔴🔴 🟡🟡🟡
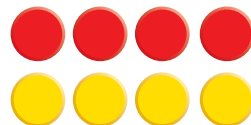
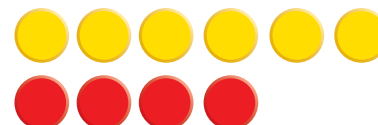$\begin{array}{r} 3 \\ + 5 \\ \hline \square \end{array}$ 🔴🔴🔴 🟡🟡🟡🟡🟡

2.
$\begin{array}{r} 4 \\ + 4 \\ \hline \square \end{array}$ 🔴🔴🔴🔴 🟡🟡🟡🟡

$\begin{array}{r} 6 \\ + 4 \\ \hline \square \end{array}$ 🟡🟡🟡🟡🟡🟡 🔴🔴🔴🔴

Draw 2 more cubes. Then use the doubles to help you solve the doubles-plus-2 facts.

3.

Think: _____ + _____ = _____ .
So, $5 + 7 =$ _____ .

4.

Think: _____ + _____ = _____ .
So, $3 + 5 =$ _____ .

5. Higher Order Thinking Use a doubles-plus-2 fact to help you write an equation for the problem. Then draw a picture to show your work.

Tanya and Kyle feed the same number of birds at the zoo. Then Kyle feeds 2 more birds. How many birds did they feed in all?

_____ = _____ + _____

6. © Assessment Max's team scores 8 runs on Monday and 10 runs on Tuesday. How many runs did the team score in all?

Which doubles fact will help you solve the problem?

Ⓐ $7 + 7$ Ⓒ $9 + 9$

Ⓑ $6 + 6$ Ⓓ $10 + 10$

7. © Assessment Which should you use to solve $7 + 9$?

Ⓐ $7 + 7$ and 1 more

Ⓑ $7 + 7$ and 2 more

Ⓒ $8 + 8$ and 1 more

Ⓓ $8 + 8$ and 2 more