Worksheets to print out from sofatutor.com

Simplifying Fractions


$$\frac{2}{6} = \frac{1}{3}$$
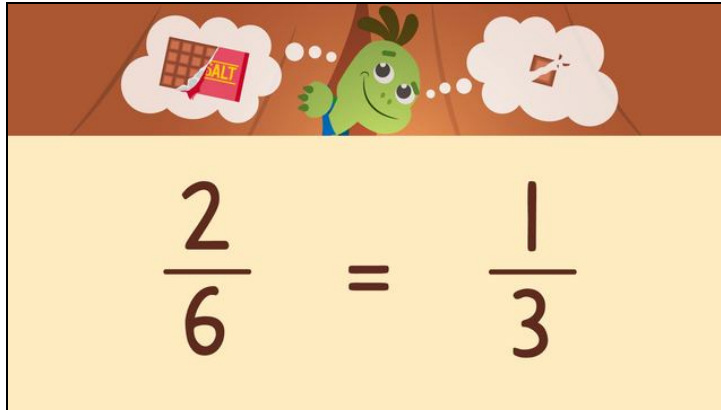
(1) **How much of the bar has Tank eaten?**

(2) How much of each chocolate bar has been eaten?

(3) How much of each of these bars is white chocolate?

(4) Can you sort the chocolate bars?

(5) How have these fractions been simplified?

(6) Have these fractions been simplified correctly?

(+) with many hints, answer keys, and solution approaches for all tasks

⚠ The complete package, **including all tasks, hints, solutions, and solution approaches**, is available to all subscribers of sofatutor.com

Worksheet: Simplifying Fractions
Math / Fractions and Decimals / Fractions / Simplifying Fractions / Simplifying Fractions

1
from 6

How much of the bar has Tank eaten?

Select the correct answer.
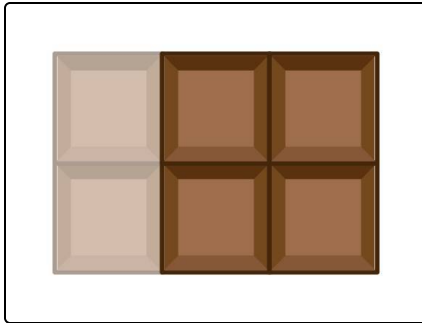
Tank found his own chocolate bar!

He ate some before Axel found him!

How much of the bar has Tank eaten?

A
$$\frac{1}{2}$$
☐

B
$$\frac{1}{3}$$
☐

C
$$\frac{1}{4}$$
☐

D
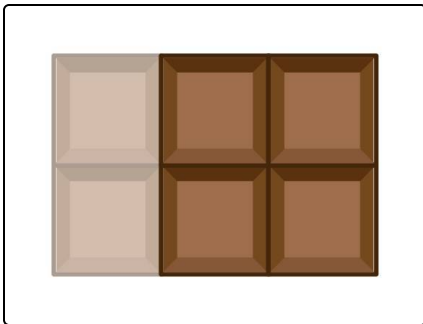$$\frac{2}{3}$$
☐

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Our hints for the tasks

1
from 6

How much of the bar has Tank eaten?

1. Hint

- How many pieces did the bar have at the beginning?
- How many pieces did Tank eat?
- Can you write this as a fraction?

2. Hint

The bar had **6** squares to start with and Tank has eaten **2**. Therefore he has eaten $\frac{2}{6}$ of the bar. How could we simplify this fraction?
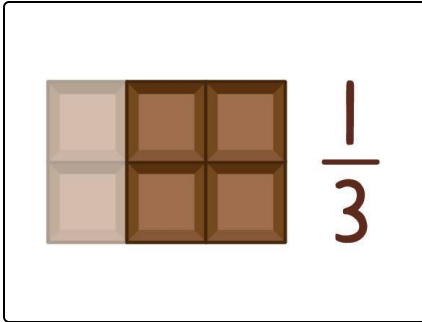
3. Hint

What are common factors of **2** and **6**?

Solutions and solution approaches for the tasks

① How much of the bar has Tank eaten?
from 6

Answer key: B

Tank ate $\frac{1}{3}$ of the bar.

- The bar had 6 pieces.

- Tank ate 2 pieces so we can say he ate $\frac{2}{6}$ of the bar.

- If we divide both the numerator and the denominator of $\frac{2}{6}$ by 2 we get $\frac{1}{3}$.