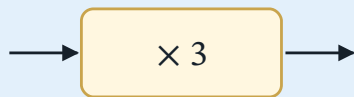


CONVERT $\frac{3}{4}$ TO A DECIMAL

- 1 Divide the top number by the bottom number: 3 divided by 4.
- 2 00 divided by 4 gives 0.75 exactly.

WARM-UP

Draw a number line from 0 to 1 and mark these decimals.



1. Mark 0.75 from $\frac{3}{4}$ on the line
2. Mark 0.125 from $\frac{1}{8}$ on the line
3. Mark 0.4 from $\frac{2}{5}$ on the line

PRACTICE

- 1 A shop has 1 cake to share among 2 people. What decimal of a cake does each get? _____
- 2 A baker cuts 1 loaf into 8 equal slices and gives away 3 slices. What decimal of the loaf is given away? _____
- 3 A fruit stall has 7 apples out of 10 sold. What decimal shows the fraction sold? _____
- 4 A market sells 4 kg of apples out of 5 kg total. What decimal of the apples is sold? _____
- 5 A shopper buys 1 chocolate bar to share with 2 friends. What repeating decimal shows each person's share? _____
- 6 A deli slices 5 sandwiches from 8 made. What decimal fraction is sliced? _____

? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- | | |
|---|--|
| a. Converting $\frac{3}{4}$ to a decimal stops after two places. ☐ | c. $\frac{1}{8}$ as a decimal goes on forever. ☐ |
| b. $\frac{1}{3}$ as a decimal repeats forever. ☐ | d. $\frac{2}{5}$ as a decimal needs three decimal places. ☐ |