

Multiplying a Mixed # by a Whole

$$2 \times 2\frac{2}{3}$$

$$2 \times \frac{8}{3} = \frac{16}{3}$$

$$\frac{16}{3} = \boxed{5\frac{1}{3}}$$

Final
Answer!

STEP 1 Rename the mixed # to an improper fraction.

* USE DAN SHORTCUT!

$$2\frac{2}{3} = \frac{8}{3}$$

STEP 2 \times the whole # and fraction.

$$2 \times \frac{8}{3} = \frac{16}{3}$$

STEP 3 Rename the improper fraction to a mixed #

* USE DUCK SHORTCUT!

$$\frac{16}{3} = 5\frac{1}{3}$$
$$3 \overline{)16} \begin{array}{r} 5 \\ \underline{15} \\ 1 \end{array}$$