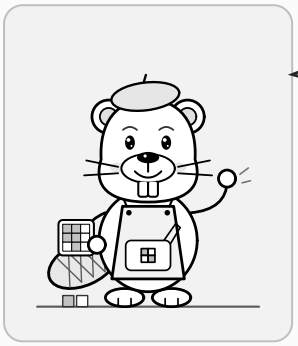
Nome : _____ Data : _____

PAPILUMO / Classe quarta (9–10 anni) • Soluzioni

Moltiplicare una frazione per un intero

Osserva le barre ripetute e scrivi la frazione prodotto. Quando supera l'intero, completa anche il numero misto.



Trucco: in N × a/b il denominatore b resta uguale e si moltiplica solo a per N.

Mina la castora affianca strisce di mosaico uguali: conta tutte le parti colorate!

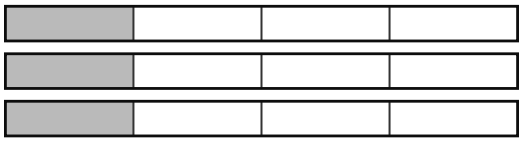
Esempio svolto: 3 × 2/5 = 2/5 + 2/5 + 2/5 = 6/5 = 1 1/5



$$3 \times \frac{2}{5} = \frac{2}{5} + \frac{2}{5} + \frac{2}{5} = \frac{6}{5} = 1\,\frac{1}{5}$$

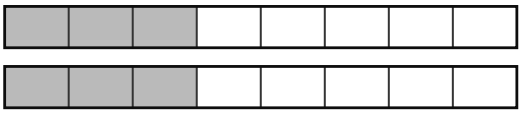
1. Calcola ogni prodotto osservando le barre ripetute (A–F)

A 3 strisce di 1/4



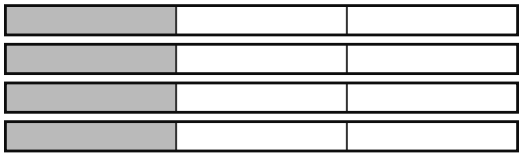
$$3 \times \frac{1}{4} = \frac{3}{4}$$

B 2 strisce di 3/8



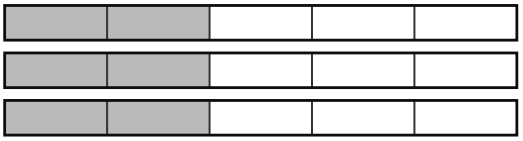
$$2 \times \frac{3}{8} = \frac{6}{8}$$

C 4 strisce di 1/3



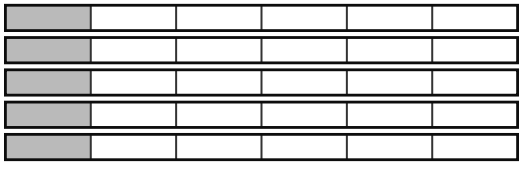
$$4 \times \frac{1}{3} = \frac{4}{3} = 1\,\frac{1}{3}$$

D 3 strisce di 2/5



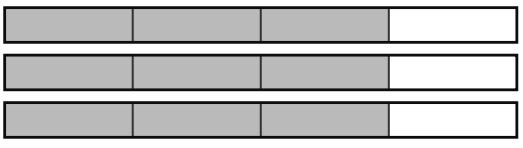
$$3 \times \frac{2}{5} = \frac{6}{5} = 1\,\frac{1}{5}$$

E 5 strisce di 1/6



$$5 \times \frac{1}{6} = \frac{5}{6}$$

F 3 strisce di 3/4



$$3 \times \frac{3}{4} = \frac{9}{4} = 2\,\frac{1}{4}$$

Consiglio di Mina: il denominatore è sempre quello di una sola barra; conta tutte le parti colorate per il numeratore.