Divide with unit fractions

larkit | Grade 5 · Fractions

Answer key The answers are filled in.

1 Nia says $8 \div \frac{1}{4} = 32$. Which multiplication checks Nia's answer?

Check one:

- ☐ $8 \times \frac{1}{4} = \frac{8}{4}$
- ☐ $32 \times 8 = 256$
- ☑ $\frac{1}{4} \times 32 = 8$

2 How many ninths are in 4? **36**

3 What is $9 \div \frac{1}{4}$? **36**

4 Lena says $\frac{1}{7} \div 5 = \frac{1}{35}$. Which multiplication checks Lena's answer?

Check one:

- ☐ $35 \times \frac{1}{7} = 5$
- ☐ $\frac{1}{7} \times 5 = \frac{5}{7}$
- ☑ $\frac{1}{35} \times 5 = \frac{1}{7}$

5 How many sixths are in 3? **18**

6 What is $\frac{1}{10} \div 3$? **$\frac{1}{30}$**

7 Ana divides $\frac{1}{8}$ by 7 and gets $\frac{1}{56}$. Which multiplication checks Ana's answer?

Check one:

- ☐ $56 \times \frac{1}{8} = 7$
- ☐ $\frac{1}{8} \times 7 = \frac{7}{8}$
- ☑ $\frac{1}{56} \times 7 = \frac{1}{8}$

8 How many sevenths are in 6? **42**