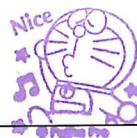


仁濟醫院蔡衍濤小學  
二零二二至二零二三年度 上學期  
數學科 五年級課堂工作紙 (3B)

姓名：歐陽文厚(2) 班別：五年級A班 日期：\_\_\_\_\_

第12課 分數乘法：整數 × 分數



1.

2 的  $\frac{3}{5}$  倍

$$2 \times \frac{3}{5}$$

$$= \underline{2} \div \underline{5} \times \underline{3} \checkmark$$

$$= \underline{\frac{2}{5}} \times \underline{3} \checkmark$$

$$= \underline{\frac{2 \times 3}{5}} \checkmark$$

$$= \underline{\frac{6}{5}} = \underline{1\frac{1}{5}} \checkmark$$

2.

12 的  $\frac{2}{5}$  倍

$$12 \times \frac{2}{5}$$

$$= \underline{12} \div \underline{5} \times \underline{2} \checkmark$$

$$= \underline{\frac{12}{5}} \times \underline{2} \checkmark$$

$$= \underline{\frac{12 \times 2}{5}} \checkmark$$

$$= \underline{\frac{24}{5}} = \underline{4\frac{4}{5}} \checkmark$$

3.  $12 \times 1\frac{1}{8}$

$$= 12 \times \underline{\frac{9}{8}} \checkmark \text{ (把帶分數化成假分數)}$$

$$= \underline{12} \div \underline{8} \times \underline{9} \checkmark$$

$$= \underline{\frac{12}{8}} \times \underline{9} \checkmark$$

$$= \underline{\frac{12 \times 9}{8}} \checkmark = \underline{\frac{108}{8}} \checkmark = \underline{13\frac{4}{8}} = \underline{13\frac{1}{2}} \checkmark$$

練習題

1.  $10 \times \frac{3}{4}$

$$\begin{aligned}
 &= 10 \div 4 \times 3 \quad \checkmark \\
 &= \frac{10}{4} \times 3 \quad \checkmark \\
 &= \frac{10 \times 3}{4} \\
 &= \frac{30}{4} \\
 &= \frac{72}{42} \\
 &= 7\frac{1}{2} \quad \checkmark
 \end{aligned}$$

2.  $20 \times \frac{3}{8}$

$$\begin{aligned}
 &= 20 \div 8 \times 3 \quad \checkmark \\
 &= \frac{20}{8} \times 3 \\
 &= \frac{20 \times 3}{8} \quad \checkmark \\
 &= \frac{60}{8} \\
 &= 7\frac{4}{8} \\
 &= 7\frac{1}{2} \quad \checkmark
 \end{aligned}$$

3.  $21 \times \frac{5}{9}$

$$\begin{aligned}
 &= 21 \div 9 \times 5 \\
 &= \frac{21}{9} \times 5 \quad \checkmark \\
 &= \frac{21 \times 5}{9} \\
 &= \frac{105}{9} \\
 &= 11\frac{6}{9} = 11\frac{2}{3} \quad \checkmark
 \end{aligned}$$

4.  $15 \times \frac{5}{6}$

$$\begin{aligned}
 &= 15 \div 6 \times 5 \\
 &= \frac{15}{6} \times 5 \quad \checkmark \\
 &= \frac{15 \times 5}{6} \\
 &= \frac{75}{6} \\
 &= 12\frac{3}{6} \\
 &= 12\frac{1}{2} \quad \checkmark
 \end{aligned}$$

5.  $5 \times 2\frac{4}{5}$

$$\begin{aligned}
 &= 5 \times \frac{14}{5} \\
 &= 5 \div 5 \times 14 \quad \checkmark \\
 &= 1 \times 14 \\
 &= 14 \quad \checkmark
 \end{aligned}$$

$$\begin{aligned}
 &= 5 \times \frac{14}{5} \\
 &= \frac{14 \times 5}{5} \quad \checkmark \\
 &= 14 \quad \checkmark
 \end{aligned}$$

6.  $6 \times 7\frac{1}{3}$

$$\begin{aligned}
 &= 6 \times \frac{22}{3} \\
 &= 6 \div 3 \times 22 \quad \checkmark \\
 &= 2 \times 22 \\
 &= 44 \quad \checkmark
 \end{aligned}$$

$$\begin{aligned}
 &= 6 \times \frac{22}{3} \\
 &= \frac{24 \times 22}{3} \quad \checkmark \\
 &= 44 \quad \checkmark
 \end{aligned}$$