1 次の計算をしなさい。

① $\dfrac{3x+5}{4} \times 8$

② $\dfrac{7x-3}{2} \times (-4)$

③ $6 \times \dfrac{2x+8}{3}$

④ $(-10) \times \dfrac{4x-3}{5}$

⑤ $\dfrac{3x-5}{4} \times 20$

⑥ $\dfrac{4x+8}{3} \times (-9)$

⑦ $8 \times \dfrac{-5x+7}{2}$

⑧ $(-15) \times \dfrac{-2x-3}{5}$

1 次の計算をしなさい。

① $\dfrac{3x+5}{4} \times 8$

$= \dfrac{(3x+5) \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}}}$

$= (3x+5) \times 2$

$= 6x + 10$

② $\dfrac{7x-3}{2} \times (-4)$

$= \dfrac{(7x-3) \times (-\overset{2}{\cancel{4}})}{\underset{1}{\cancel{2}}}$

$= (7x-3) \times (-2)$

$= -14x + 6$

③ $6 \times \dfrac{2x+8}{3}$

$= \dfrac{\overset{2}{\cancel{6}} \times (2x+8)}{\underset{1}{\cancel{3}}}$

$= 2 \times (2x+8)$

$= 4x + 16$

④ $(-10) \times \dfrac{4x-3}{5}$

$= \dfrac{-\overset{2}{\cancel{10}} \times (4x-3)}{\underset{1}{\cancel{5}}}$

$= -2 \times (4x-3)$

$= -8x + 6$

⑤ $\dfrac{3x-5}{4} \times 20$

$= \dfrac{(3x-5) \times \overset{5}{\cancel{20}}}{\underset{1}{\cancel{4}}}$

$= (3x-5) \times 5$

$= 15x - 25$

⑥ $\dfrac{4x+8}{3} \times (-9)$

$= \dfrac{(4x+8) \times (-\overset{3}{\cancel{9}})}{\underset{1}{\cancel{3}}}$

$= (4x+8) \times (-3)$

$= -12x - 24$

⑦ $8 \times \dfrac{-5x+7}{2}$

$= \dfrac{\overset{4}{\cancel{8}} \times (-5x+7)}{\underset{1}{\cancel{2}}}$

$= 4 \times (-5x+7)$

$= -20x + 28$

⑧ $(-15) \times \dfrac{-2x-3}{5}$

$= \dfrac{-\overset{3}{\cancel{15}} \times (-2x-3)}{\underset{1}{\cancel{5}}}$

$= -3 \times (-2x-3)$

$= 6x + 9$