



Concept_CW_G8_Operations on Rational Numbers

1. Simplify the following rational numbers:

(i) $(25/8 \times 2/5) - (3/5 \times -10/9)$

(ii) $(1/2 \times 1/4) + (1/2 \times 6)$

(iii) $(-5 \times 2/15) - (-6 \times 2/9)$

(iv) $(-9/4 \times 5/3) + (13/2 \times 5/6)$

2. By what number should we multiply $-15/28$, so that the product may be $-5/7$?

3. By what number should we multiply $-8/13$, so that the product may be 24?

4. The cost of $7 \frac{2}{3}$ meters of rope is $\$12 \frac{3}{4}$. Find its cost per meter

