Find $\dfrac{-4}{5} \times \dfrac{3}{7} \times \dfrac{15}{16} \times \left(\dfrac{-14}{9}\right)$

6. $m - \dfrac{m-1}{2} = 1 - \dfrac{m-2}{3}$

10. $0.25(4f - 3) = 0.05(10f - 9)$

Simplify $(a + b)(2a - 3b + c) - (2a - 3b)c$.

Multiply

(ii) $(a^2 + 2b^2)$ and $(5a - 3b)$

5. (a) Add: $p(p-q), q(q-r)$ and $r(r-p)$

7. Simplify.

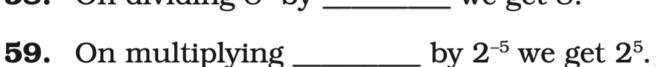$$\frac{3^{-5} \times 10^{-5} \times 125}{5^{-7} \times 6^{-5}}$$

Find the value of $\left(\dfrac{2}{3}\right)^{-2}$.

11. A school has 8 periods a day each of 45 minutes duration. How long would each period be, if the school has 9 periods a day, assuming the number of school hours to be the same?

4. A machine in a soft drink factory fills 840 bottles in six hours. How many bottles will it fill in five hours?

55. The standard form for 32,50,00,00,000 is _____.

56. The standard form for 0.000000008 is _____.

57. The usual form for 2.3×10^{-10} is _____.

58. On dividing 8^5 by _____ we get 8.

59. On multiplying _____ by 2^{-5} we get 2^5.

60. The value of $[3^{-1} \times 4^{-1}]^2$ is _____.

61. The value of $[2^{-1} \times 3^{-1}]^{-1}$ is _____.