EXERCISE 5.4

1. Divide each of the following :

   (i) $\dfrac{25}{11}$ by $\dfrac{5}{22}$
        (ii) $\dfrac{13}{7}$ by $\dfrac{26}{21}$
        (iii) (-6) by $\dfrac{3}{11}$
        (iv) $\dfrac{-3}{8}$ by $\dfrac{5}{8}$

2. Evaluate :

   (i) $\dfrac{4}{5} \div \dfrac{9}{7}$
        (ii) $\dfrac{6}{13} \div \left(\dfrac{-2}{65}\right)$
        (iii) $\dfrac{-6}{21} \div \dfrac{4}{63}$

   (iv) $\dfrac{1}{15} \div \dfrac{35}{4}$
        (v) $\dfrac{-5}{7} \div \left(\dfrac{-15}{28}\right)$

3. The product of two rational numbers is $\dfrac{-13}{9}$. If one number is $\dfrac{-26}{7}$, find the other number.

4. By what number should we multiply $\dfrac{-2}{3}$, so that the product is $\dfrac{-3}{10}$?

5. Divide the sum of $\dfrac{65}{9}$ and $\dfrac{-11}{-3}$ by the product of $\dfrac{7}{6}$ and $\dfrac{5}{-3}$.

6. The cost of 12 pencils is ₹ $37\dfrac{4}{5}$. Find the cost of one pencil.

7. By what number should $\dfrac{-9}{20}$ be divided to get $\dfrac{-3}{2}$?

8. Fill in the blank : $\dfrac{81}{125} \div (\ldots\ldots\ldots\ldots) = \dfrac{-6}{5}$

9. A car covers a distance of $189\dfrac{1}{3}$ km in $4\dfrac{4}{9}$ hours. Find the distance covered in one hour.