Algebraic Expressions

Translate the given phrase into algebraic expression:

1. 7 less than sum of 3 and x divided by 5

   Answer: _____

2. One third of difference between 6 and p is added to 8

   Answer: _____

3. Eight ninth more than sum of one half and t.

   Answer: _____

4. Quotient of 4 and 5 is added to the product of 6 and z

   Answer: _____

5. Three half of r less than four fifth.

   Answer: _____

6. 8 more than sum of three fourth of n and two third.

   Answer: _____

Answers:

1. 7 less than sum of 3 and x divided by 5

    Answer: $\frac{3+x}{5} - 7$

2. One third of difference between 6 and p is added to 8

    Answer: $\frac{1}{3}(6 - p) + 8$

3. Eight ninth more than sum of one half and t.

    Answer: $\left(\frac{1}{2} + t\right) + \frac{8}{9}$

4. Quotient of 4 and 5 is added to the product of 6 and z

    Answer: $\frac{4}{5} + 6z$

5. Three half of r less than four fifth.

    Answer: $\frac{4}{5} - \frac{3}{2}r$

6. 8 more than sum of three fourth of n and two third.

    Answer: $\left(\frac{3}{4}n + \frac{2}{3}\right) + 8$