Determine Least Common Denominator

For each expression, determine the least common denominator of the fractions.

1.
$$\frac{7}{6a^4} + \frac{1}{8a^3}$$

$$2. \quad \frac{6x}{x^2 + x - 20} + \frac{2}{x^2 - 2x - 8}$$

3.
$$\frac{h-3}{h^2-16} - \frac{5}{h^2+8h+16}$$

4.
$$\frac{4m}{m^2+2m-3} + \frac{6}{m^2+7m+12}$$