Solve:

1) What are the vertical asymptotes of:

$$a(x) = \frac{x^2 - 23x + 76}{2x^2 + 37x + 156}$$

2) What are the vertical asymptotes of:

$$h(x) = \frac{2x^3 - 24x^2 + 40x}{x^2 + 19x}$$

3) What are the vertical asymptotes of:

$$t(x) = \frac{x^3 - 25x^2 + 52x + 1428}{x^2 - 15x - 54}$$

4) What are the vertical asymptotes of:

$$n(x) = \frac{x^2 + 17x + 52}{x^2 + 7x - 198}$$

5) What are the horizontal asymptotes of:

$$y(x) = \frac{x^3 - 7x^2 - 24x + 180}{2x^3 + 18x^2 - 402x - 418}$$

6) What are the horizontal asymptotes of:

$$n(x) = \frac{x^3 + 2x^2 - 211x + 748}{x^2 - 2x - 35}$$

7) What are the horizontal asymptotes of:

$$e(x) = \frac{x^2 + 24x + 144}{x^3 + 10x^2 - 13x - 22}$$

8) What are the horizontal asymptotes of:

$$s(x) = \frac{x^2 - 100}{3x^2 + 18x + 27}$$