

1 Continuity and asymptotes — Part 2

— Answers

Answers

Work through these after you have tried the questions yourself.

2.1 it has no break there – no hole, jump, or gap – so the graph can be drawn through that point without lifting the pen.

2.2 a hole, a jump, and an asymptote.

2.3 it shoots off toward $+\infty$ or $-\infty$ (it blows up).

2.4 the value the graph levels off toward as x becomes very large or very negative.

2.5 at $x = 3$ (where the denominator is zero).