

```
> limit((x^2-4)/(x-2),x=2);
```

4

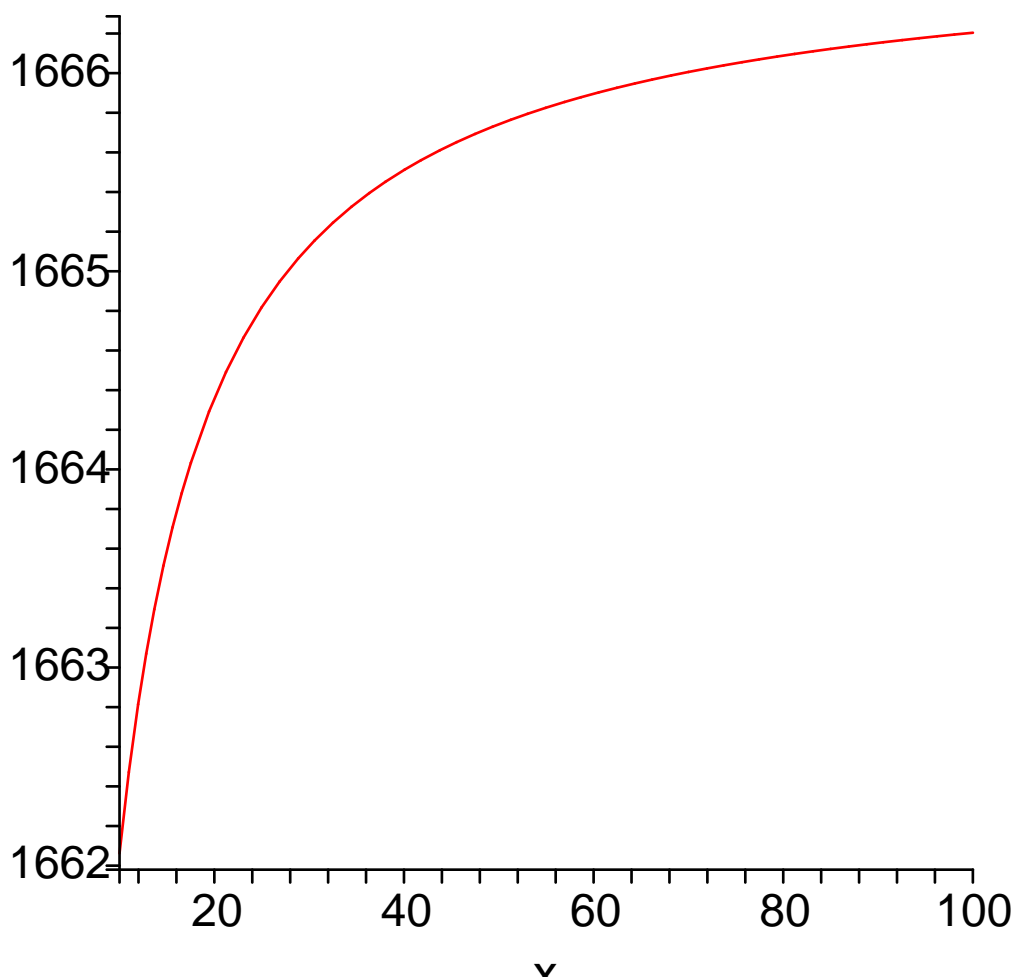
```
> limit((2*x^2+3*x-5)/(5*x^2-4*x+8),x=infinity);
```

$\frac{2}{5}$

```
> limit(sqrt(9*x^2+x)-3*x,x=infinity);
```

$\frac{1}{6}$

```
> plot(sqrt(9*x^2+x)-3*x,x=10..100);
```



```
>
```