

State the limit of each sequence, if it exists.

1. $46.1, 43.8, 41.5, 39.2, \dots$

2. $\frac{30}{101}, \frac{60}{102}, \frac{90}{103}, \frac{120}{104}, \dots$

3. $\frac{1}{70}, \frac{8}{140}, \frac{27}{210}, \frac{64}{280}, \dots$

4. $2400, 600, 150, 37.5, \dots$

5. $60, 66, 72.6, 79.86, \dots$

6. $\frac{25}{81}, \frac{50}{100}, \frac{75}{121}, \frac{100}{144}, \dots$