

Practice Exercises

Find the missing terms of each sequence.

1. $6, 6, 12, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

2. $0.3, 0.3, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

3. $5, 5, 10, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

4. $\sqrt{2}, \sqrt{2}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

5. $6, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, 18, \underline{\hspace{1cm}}$

Problem Set

Find the missing terms of each sequence.

1. 2, 2, 4, _____, _____

2. 0.2, 0.2, _____, _____

3. $\frac{1}{4}$, $\frac{1}{4}$, $\frac{1}{2}$, _____, _____

4. $5x$, _____, $10x$, _____

5. _____, $\frac{3}{2}$, _____, $\frac{9}{2}$, $\frac{15}{2}$

6. _____, 2, 3, 5, _____, _____

7. 0.5, _____, 1, _____, _____

8. $\frac{1}{16}, \frac{1}{16}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

9. $3x, 7x, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}$

10. $\underline{\hspace{1cm}}, \frac{5}{3}, \underline{\hspace{1cm}}, 5, \underline{\hspace{1cm}}$

Problem Set

1. 2, 2, 4, 6, 10
2. 0.2, 0.2, 0.4, 0.6
3. $\frac{1}{4}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{5}{4}$
4. 5x, 5x, 10x, 15x
5. $\frac{3}{2}$, $\frac{3}{2}$, $\frac{3}{2}$, $\frac{9}{2}$, $\frac{15}{2}$
6. 1, 2, 3, 5, 8, 13
7. 0.5, 0.5, 1, 1.5, 2.5
8. $\frac{1}{16}$, $\frac{1}{16}$, $\frac{1}{8}$, $\frac{3}{16}$, $\frac{5}{16}$
9. 3x, 7x, 10x, 17x, 27x
10. $\frac{5}{3}$, $\frac{5}{3}$, $\frac{10}{3}$, 5, $\frac{25}{3}$