

## Cube Root

### Workout

Question 1:

- |       |       |       |       |        |        |
|-------|-------|-------|-------|--------|--------|
| (a) 2 | (b) 1 | (c) 0 | (d) 5 | (e) 10 | (f) 3  |
| (g) 8 | (h) 4 | (i) 7 | (j) 9 | (k) 6  | (l) 20 |

Question 2:

- (a) 4
- (b) 1
- (c) 30
- (d) 8

Question 3:

- |         |         |         |         |         |          |
|---------|---------|---------|---------|---------|----------|
| (a) 11  | (b) 24  | (c) 12  | (d) 15  | (e) 14  | (f) 50   |
| (g) 0.5 | (h) 3.5 | (i) 0.4 | (j) 1.2 | (k) 2.6 | (l) 1.25 |

Question 4:

- |              |             |             |             |              |
|--------------|-------------|-------------|-------------|--------------|
| (a) 3 and 4  | (b) 2 and 3 | (c) 7 and 8 | (d) 1 and 2 | (e) 9 and 10 |
| (f) 9 and 10 |             |             |             |              |

Question 5:

- |         |       |         |         |         |       |
|---------|-------|---------|---------|---------|-------|
| (a) 3.5 | (b) 5 | (c) 7.5 | (d) 1.5 | (e) 4.5 | (f) 5 |
|---------|-------|---------|---------|---------|-------|

Question 6:

- |         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| (a) 3.6 | (b) 5.1 | (c) 7.9 | (d) 1.4 | (e) 4.5 | (f) 5.2 |
|---------|---------|---------|---------|---------|---------|

### Apply

Question 1:

James has done the square root of 64, which would be 8 as opposed to finding the cube root.

Question 2:

Megan has divided 27 by 3 to get 9.

Question 3:

-1

Question 4:

Harry could choose any value between  $0 < x < 1$  such as 0.125.

Question 5:

- |        |        |        |         |
|--------|--------|--------|---------|
| (a) -2 | (b) -1 | (c) -3 | (d) -10 |
|--------|--------|--------|---------|

Question 6:

X = 20 (cube root of 8000)