

Questions for Discussion

1. How is proportionality used in the real world?

2. What is 1 way you saw proportionality used in the video?

3. The video states that the Egyptians probably used proportionality to build the great pyramids and the Romans to build the Coliseum. Do you believe this is true? How might the Egyptians or Romans have used proportionality?

4. Though it does not give specific examples, the video states that art and cooking use proportionality. How do you think art or cooking use proportionality?

5. Why is proportionality important in architecture?

6. After seeing the video, how would you define proportionality?

7. What are some other examples of when you have seen proportionality used in real life? What other professions use proportionality?



Answer Key: Questions for Discussion

1. How is proportionality used in the real world?

rocket performance, racing, architecture, art, cooking

2. What is 1 way you saw proportionality used in the video?

rocket engines, bike distances, stadiums

3. The video states that the Egyptians probably used proportionality to build the great pyramids and the Romans to build the Coliseum. Do you believe this is true? How might the Egyptians or Romans have used proportionality?

Answers will vary.

4. Though it does not give specific examples, the video states that art and cooking use proportionality. How do you think art or cooking use proportionality?

doubling, halving recipes; enlarging, shrinking pictures; etc.

5. Why is proportionality important in architecture? Answers will vary.

6. After seeing the video, how would you define proportionality?

Answers will vary.

7. What are some other examples of when you have seen proportionality used in real life? What other professions use proportionality?

Answers will vary.