Lesson: Distance Between Two Points – Middle School

Name:

Teacher:

Date:

1. What is the distance between (2, 3) and (7, 3)?

   a) 5   b) 6

   c) 3   d) 4

2. What is the distance between (1, 1) and (1, 6)?

   a) 6   b) 5

   c) 4   d) 7

3. Find the distance between (0, 0) and (5, 12).

   a) 12   b) 10

   c) 13   d) 15

4. Find the distance between (3, 4) and (7, 1).

   a) 6   b) 4

   c) 5   d) 7

5. Find the distance between (−1, 2) and (3, 5).

   a) 5   b) 4

   c) 3   d) 6

6. Find the distance between (2, −2) and (6, 2).

   a) 4   b) ≈ 6.55

   c) 5   d) ≈ 5.66

7. Find the distance between (−3, −1) and (4, −1).

    a) 6   b) 9

    c) 7   d) 8

8. Find the distance between (5, 5) and (9, 8).

    a) 6   b) 4

    c) 3   d) 5

9. Find the distance between (−6, 2) and (−2, −4).

    a) 7   b) ≈ 6.9

    c) ≈ 7.21

10. Find the distance between (−4, −3) and (2, 0).

    a) 7   b) 5

    c) (≈ 6.71)   d) 6

11. Find the distance between (1, 9) and (6, 3).

    a) ≈ 7.81 b) 6

    c) 7   d) 5

12. Find the distance between (−5, −5) and (5, 5).

    a) 20   b) ≈ 14.14

    c) 15   d) 10

13. Find the distance between (−3, 2) and (4, 6).

    a) 9   b) 7

    c) ≈ 8.06 d) 8

14. Find the distance between (−7, −3) and (−3, −7).

    a) 6.7   b) 4

    c) 5.7   d) 10

15. Find the distance between (1, -2) and (-5, 4).

    a) ≈ 8.49   b) 6

    c) 9   d) 10

16. Find the distance between (4, 9) and (-2, 3).

    a) 9   b) 10

    c) 6   d) ≈ 8.49

17. Find the distance between (-1, -1) and (2, 3).

    a) 5   b) 4

    c) 6   d) 3

18. Find the distance between (8, 5) and (2, -1).

    a) 6   b) ≈ 8.49

    c) 9   d) ≈ 7.94

19. Find the distance between (0, 0) and (−6, −8).

    a) 10   b) 9

    c) 11   d) 8

20. Find the distance between (3, 6) and (3, −4).

    a) 11   b) 9

    c) 10   d) 8

Answer Keys

1. a) 5

2. b) 5

3. c) 13

4. c) 5

5. a) 5

6. d) ≈ 5.66

7. c) 7

8. d) 5

9. c) ≈ 7.21

10. c) (≈ 6.71)

11. a) ≈ 7.81

12. b) ≈ 14.14

13. c) ≈ 8.06

14. c) 5.7

15. a) ≈ 8.49

16. d) ≈ 8.49

17. a) 5

18. b) ≈ 8.49

19. a) 10

20. c) 10

s