Name: _____ Date _____

Topic: Equidistant from Two Parallel Lines - Worksheet 1

1. Describe the locus of a bat that has to be kept equidistant from 2 parallel bats.

2. What is the equation of the locus of points equidistant from the lines $y=2$ and $y=6$

3. What is the equation of the locus of points equidistant from the lines $x=-2$ and $x=-9$?

4. Two bottles are equidistant from each other. Describe the locus of a bottle that is equidistant from the 2 opposite parallel bottles.

5. What is the equation of the locus of points equidistant from the line $x=-5$ and $x=8$?

6. Describe the locus of a pencil equidistant from the 2 opposite parallel pencils.

7. Describe the locus of the centre of the wheel of a bus that is moving along a straight, level track.

8. What is the equation of the locus of points equidistant from the lines $y=1$ and $y=2$?

9. Describe the locus of a stone that has to be kept equidistant from 2 parallel stones.

10. What is the equation of the locus of points equidistant from the lines $x=-3$ and $x=7$?

Name: _____ Date _____

Topic: Equidistant from Two Parallel Lines - Worksheet 2

1. Describe the locus of a book that has to be kept equidistant from 2 parallel books.

2. What is the equation of the locus of points equidistant from the lines $x=-5$ and $x=0$?

3. What is the equation of the locus of points equidistant from the lines $y=-2$ and $y=-8$?

4. Two cars are equidistant from each other. Describe the locus of a car that is equidistant from the 2 opposite parallel cars.

5. What is the equation of the locus of points equidistant from the line $x=4$ and $x=-8$?

6. Describe the locus of a rope equidistant from the 2 opposite parallel rope.

7. Describe the locus of the centre of the wheel of a cycle that is moving along a straight, level track.

8. What is the equation of the locus of points equidistant from the lines $y=1$ and $y=6$?

9. Describe the locus of a line that has to be kept equidistant from 2 parallel lines.

10. What is the equation of the locus of points equidistant from the lines $x=2$ and $x=9$?

Name: _____ Date _____

Topic: Equidistant from Two Parallel Lines - Worksheet 3

1. Describe the locus of a box that has to be kept equidistant from 2 parallel boxes.

2. What is the equation of the locus of points equidistant from the lines $y=7$ and $y=2$

3. What is the equation of the locus of points equidistant from the lines $x=4$ and $x=9$?

4. Two balls are equidistant from each other. Describe the locus of a ball that is equidistant from the 2 opposite parallel balls.

5. What is the equation of the locus of points equidistant from the line $y=0$ and $y=2$?

6. Describe the locus of a pen equidistant from the 2 opposite parallel pens.

7. Describe the locus of the centre of the wheel of a bike that is moving along a straight, level track.

8. What is the equation of the locus of points equidistant from the lines $x=4$ and $x=-4$?

9. Describe the locus of a plane that has to be kept equidistant from 2 parallel planes.

10. What is the equation of the locus of points equidistant from the lines $y=1$ and $y=5$?

Name: _____ Date _____

Topic: Equidistant from Two Parallel Lines - Worksheet 4

1. Describe the locus of a spoon that has to be kept equidistant from 2 parallel spoons.

2. What is the equation of the locus of points equidistant from the lines x=-3 and x=-9

3. What is the equation of the locus of points equidistant from the lines y=-2 and y=-7?

4. Two triangles are equidistant from each other. Describe the locus of a triangle that is equidistant from the 2 opposite parallel triangles.

5. What is the equation of the locus of points equidistant from the line x=-5 and x=-9?

6. Describe the locus of a pot equidistant from the 2 opposite parallel pots.

7. Describe the locus of the centre of the wheel of a truck that is moving along a straight, level track.

8. What is the equation of the locus of points equidistant from the lines x=0 and x=-2?

9. Describe the locus of a knife that has to be kept equidistant from 2 parallel knifes.

10. What is the equation of the locus of points equidistant from the lines y=-3 and y=-8?

Name: _____ Date _____

Topic: Equidistant from Two Parallel Lines - Worksheet 5

1. Describe the locus of a pot that has to be kept equidistant from 2 parallel pots.

2. What is the equation of the locus of points equidistant from the lines $y=-8$ and $y=0$?

3. What is the equation of the locus of points equidistant from the lines $x=6$ and $x=4$?

4. Two rows of cards are equidistant from each other. Describe the locus of a row of cards that is equidistant from the 2 opposite parallel rows of cards.

5. What is the equation of the locus of points equidistant from the line $y=2$ and $y=-2$?

6. Describe the locus of a stick equidistant from the 2 opposite parallel stick.

7. Describe the locus of the centre of the wheel of a cart that is moving along a straight, level track.

8. What is the equation of the locus of points equidistant from the lines $x=2$ and $x=9$?

9. Describe the locus of a strip that has to be kept equidistant from 2 parallel strips.

10. What is the equation of the locus of points equidistant from the lines $y=-5$ and $y=-7$?