Vertical Bar Examples with SimBraille

1. Absolute value of negative five is written

2. Three plus the absolute value of x is written

$$3 + |x|$$

3. Open absolute value three x minus six close absolute value is written

$$|3x-6|$$

4. The magnitude of vector v is written

5. The "norm of f" which is f enclosed by double vertical lines is written

$$\|f\|$$

6. W representing work equals the length of the force vector F times the length of the displacement vector D times the cosine of angle A between the two vectors is written

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W = |F||D|\cos A
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7. The set of all x such that x is not equal to zero is written

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\left\{ x \mid x \neq 0 \right\}
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8. The set of all x such that x is less than two is written

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\{x \mid x < 2\}
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9. a divides b is written

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a | b
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Revised 12/16/2019