

## Essai de quiz

### 1 Valeurs absolues

(1) q-1

TRUE/FALSE marked out of 1.0

$$|5 - 3\sqrt{2}| > 1.$$

- True
- False ✓

→ *Vrai*  
→ *Faux*

(2) q-2

TRUE/FALSE marked out of 1.0

$$\sqrt{x^2} = |x|.$$

- True ✓
- False

→ *Vrai*  
→ *Faux*

(3) q-3

TRUE/FALSE marked out of 1.0

$$|x + 3| < 2 \text{ est équivalent à } 1 < x < 5.$$

- True
- False ✓

→ *Vrai*  
→ *Faux*

(4) q-6

TRUE/FALSE marked out of 1.0

$$\text{Si } |x - 1| < 1, \text{ alors } |x| < 2.$$

- True ✓
- False

→ *Vrai*  
→ *Faux*

(5) q-12

TRUE/FALSE marked out of 1.0

$$\text{Si } |x - 3| \leq 1 \text{ ou } |x - 7| \leq 1, \text{ alors } |x - 5| \leq 3.$$

- True ✓
- False

→ *Vrai*  
→ *Faux*

(6) q-19

TRUE/FALSE marked out of 1.0

$$\text{Si } |x + 1| > 1, \text{ alors } |x + 2| > 1.$$

- True
- False ✓

→ *Vrai*  
→ *Faux*

### 2 Racines carrées

(7) q-748

TRUE/FALSE marked out of 1.0

$$\sqrt{27} + \sqrt{3} = 4\sqrt{3}$$

- True ✓
- False

→ *Vrai*  
→ *Faux*

(8) **q-749**

TRUE/FALSE	marked out of 1.0
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$$\sqrt{12} + \sqrt{3} = 5\sqrt{3}$$

- **True**
- **False** ✓

→ *Vrai*  
→ *Faux*

(9) **q-758**

TRUE/FALSE	marked out of 1.0
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$$(\sqrt{2} + 2)(\sqrt{2} - 1) = \sqrt{2}$$

- **True** ✓
- **False**

→ *Vrai*  
→ *Faux*

(10) **q-761**

TRUE/FALSE	marked out of 1.0
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$$(\sqrt{3} - 1)(1 - \sqrt{3}) = -4 - 2\sqrt{3}$$

- **True**
- **False** ✓

→ *Vrai*  
→ *Faux*

(11) **q-767**

TRUE/FALSE	marked out of 1.0
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$$(\sqrt{18} + \sqrt{8})\sqrt{2} = 10$$

- **True** ✓
- **False**

→ *Vrai*  
→ *Faux*

(12) **q-775**

TRUE/FALSE	marked out of 1.0
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$$\sqrt{4 + 2\sqrt{3}} = 1 + \sqrt{3}$$

- **True** ✓
- **False**

→ *Vrai*  
→ *Faux*

Total of marks: 12