

# MATH [0372-0404] – [RADICAL EXPRESSIONS]

**Instructions:** Simplify each of the following:

1.  $\sqrt{49}$

2.  $\sqrt{121}$

3.  $-\sqrt{169}$

4.  $\sqrt{-81}$

5.  $\sqrt{25} + \sqrt{81}$

6.  $3\sqrt{64}$

7.  $-10\sqrt{49}$

8.  $7 + 4\sqrt{9}$

9.  $14 - 3\sqrt{100}$

10.  $\sqrt{\frac{1}{100}}$

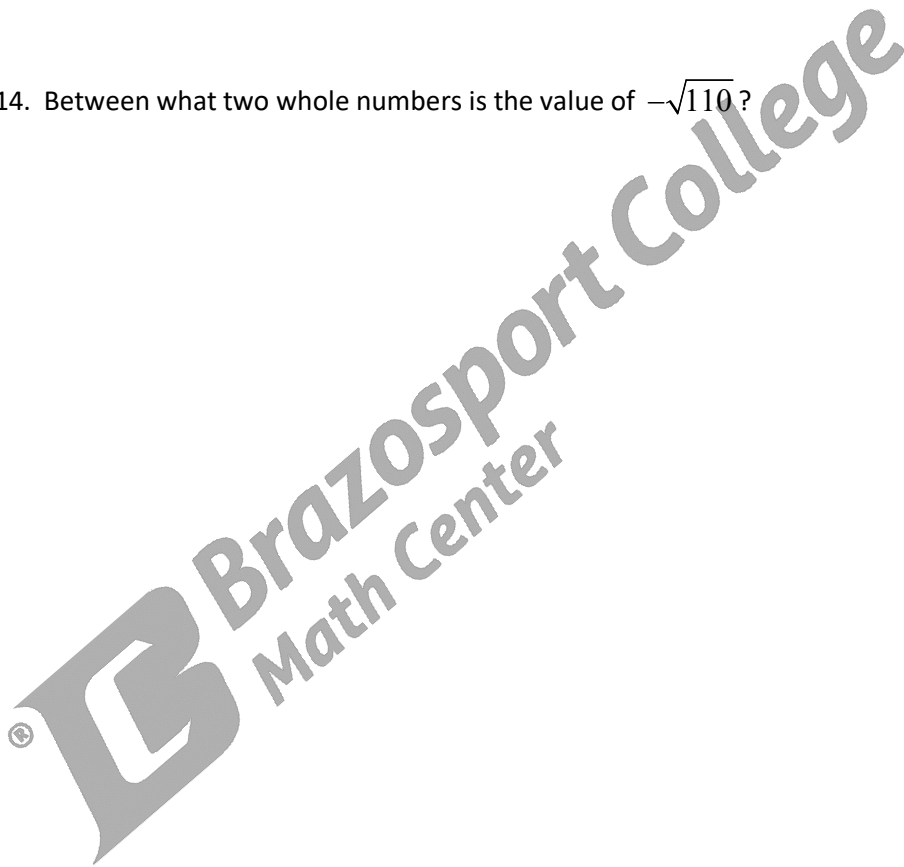
11.  $\sqrt{\frac{25}{64}}$

12.  $\sqrt{\frac{1}{36}} - \sqrt{\frac{1}{144}}$

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13. Between what two whole numbers is the value of  $\sqrt{27}$  ?

14. Between what two whole numbers is the value of  $-\sqrt{110}$  ?



# MATH [0372-0404] – [RADICAL EXPRESSIONS]

1. 7	2. 11	3. -13
4. $9i$	5. 14	6. 24
7. -70	8. 19	9. -16
10. $\frac{1}{10}$	11. $\frac{5}{8}$	12. $\frac{1}{12}$
13. Between 5 and 6	14. Between -10 and -11	

