Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_

**7.1C Finding Square Roots\_Classwork**

*Objective: Evaluate expressions using square roots. (8.EE.2)*

Definition of a “simplified form” for a square root 🡪 the square root of a positive integer is in “simplest form” if the “radicand” has no perfect square factor other than one.

**Perfect Square table**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 1x1= | 2x2= | 3x3= | 4x4= | 5x5= | 6x6= | 7x7= |
| 8x8= | 9x9= | 10x10= | 11x11= | 12x12= | 13x13= | 14x14= |
| 15x15= | 16x16= | 17x17= | 18x18= | 19x19= | 20x20= | 21x21= |





|  |  |  |
| --- | --- | --- |
| 1. $$\sqrt{8}$$ | 2.$$\sqrt{96}$$ | 3.$$\sqrt{175}$$ |
| 4.$$\sqrt{80m^{3}}$$ | 5.$$\sqrt{147xm^{3}}$$ | 6.$$\sqrt{45n^{2}m^{3}}$$ |

Login BIM and do 7.1C CW. Copy down the problem, show work (if necessary), and circle the answer.

|  |  |  |
| --- | --- | --- |
| 1. | 2. | 3. |
| 4. | 5. | 6. |
| 7. | 8. | 9. |