Topic 1: Integers

**Evaluate. Show all your steps.**

|  |  |
| --- | --- |
| 1.
 | 1.
 |
| 1.
 | 1.
 |
| 1.
 | 1.
 |
| 1.
 | 1.
 |
| 1.
 | 1.
 |

**Insert brackets to make the expression correct**

|  |  |
| --- | --- |
| 1.
 | 1.
 |

**Topic 2 Fractions**

**Identify a fraction represented by the shaded portion.**

|  |  |
| --- | --- |
|  |  |

**Simplify**

|  |  |  |  |
| --- | --- | --- | --- |
| 1.
 | 1.
 | 1.
 | 1.
 |

**Multiply and Simplify**

|  |  |
| --- | --- |
| 1.
 | 1.
 |
| 1.
 | 1.
 |
| 1.
 | 1.
 |

**Change the mixed number to an improper fraction and the improper fraction to a mixed number.**

|  |  |  |  |
| --- | --- | --- | --- |
| 1.
 | 1.
 | 1.
 | 1.
 |

**Find the reciprocal**

|  |  |  |  |
| --- | --- | --- | --- |
| 1.
 | 1.
 | 1.
 | 1.
 |

**Divide and Simplify. Leave answer in mixed number form if necessary**

|  |  |
| --- | --- |
| 1.
 | 1.
 |
| 1.
 | 1.
 |
| 1.
 | 1.
 |

**Simplify**

|  |  |
| --- | --- |
| 1.
 | 1.
 |

**Topic 3 Understanding Percent**

**Complete the table**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1.

|  |  |  |
| --- | --- | --- |
| **Fraction** | **Decimal** | **Percent** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

 | 1.

|  |  |  |
| --- | --- | --- |
| **Fraction** | **Decimal** | **Percent** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

 |

**Solve. Write an equation and show all your work.**

|  |  |
| --- | --- |
| 1. Sue got 21 out of 30 questions correct on her test. What percent did she get correct?
 | 1. Health Canada reported that 1 out of 4 children are overweight or obese. What percent of children is this?
 |
| 1. Seventy-two percent of people survey eat junk food at as a snack at least once per week. What fraction does this represent?
 | 1. A school has 20% more students than it was built for. Express this value as a fraction.
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