

Math 6

UNIT 1 – Interactive Notebook

1-6 Percent and Rates per 100

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| **Name:** |  | **Date:** |  |

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| **Common Core Standards** | [CCSS.MATH.CONTENT.6.RP.A.3.C](http://www.corestandards.org/Math/Content/6/RP/A/3/c/)Find a percent of a quantity as a rate per 100 (e.g., 30% of a quantity means 30/100 times the quantity); solve problems involving finding the whole, given a part and the percent |

1-6 Percent and Rates per 100

Ways to Express Percent

|  |
| --- |
| As a fraction: $\frac{12}{100}$ |
| As a ratio: **12:100** |
| As a decimal: **0.12** |
| Using the percent symbol: **12%** |

Express Percent to Decimal

**Step 2**

**Step 1**

**95%**

**1**

**3.5%**

**2**

**16.75%**

**3**

Task Cards

Match the blue cards and the pink cards.

**a**

**1**

**0.51**

**35% of 64**

**b**

**2**

**2.35**

**21% of 50**

**c**

**3**

**48**

**10% of 23.5**

**d**

**4**

**104.74**

**75% of 50**

**e**

**5**

**180**

**16% of 25.5**

**f**

**6**

**9% of 5.651**

**4.08**

**7**

**g**

**10.5**

**50% of 360**

**8**

**h**

**45% of 232.75**

**37.5**

|  |  |
| --- | --- |
|  | **ANSWER KEY** |
|  | **1**  | **0.95** |
|  | **2** | **0.035** |
|  | **3** | **0.17** |
|  | **Task Cards** |  |
|  | **1.**  | **c** |
|  | **2.** | **g** |
|  | **3.** | **b** |
|  | **4.** | **h** |
|  | **5.**  | **f** |
|  | **6.** | **a** |
|  | **7.** | **e** |
|  | **8.** | **d** |
|  |  |  |

s