Name: Ratio of Quantities with different Units

Chapter: Ratio and Proportion

Grade: CBSE Grade VI

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- 1. Find the ratio between 6 months and 2 years 8 months
  - (i) 3:16 (ii) 2:16 (iii) 3:13 (iv) 3:19
- 2. Find the number which bears the same ratio to  $\frac{1}{2}$  that  $\frac{1}{2}$  does to  $\frac{5}{16}$ 
  - (i)  $\frac{4}{3}$  (ii)  $\frac{6}{5}$  (iii)  $\frac{4}{7}$  (iv)  $\frac{2}{5}$  (v)  $\frac{4}{5}$
- 3. Find the ratio between 4 months and 9 years
  - (i) 1:27 (ii) 1:29 (iii) 1:25 (iv) 0:27
- 4. Find the ratio between 26 min and 40 hr
  - (i) 13:1200 (ii) 13:1202 (iii) 12:1200 (iv) 13:1197
- 5. Find the ratio between 10 m and 5 km
  - (i) 1:502 (ii) 1:498 (iii) 0:500 (iv) 1:500
- 6. Find the ratio between 3 gm and 9 kg
  - (i) 1:3002 (ii) 0:3000 (iii) 1:2998 (iv) 1:3000
- 7. Find the ratio between 6 I and 7 kl
  - (i) 3:3502 (ii) 3:3500 (iii) 3:3497 (iv) 2:3500
- 8. Find the ratio between 14 hr and 9 days
  - (i) 7:111 (ii) 6:108 (iii) 7:105 (iv) 7:108

| Assignment Key |         |        |        |         |         |  |
|----------------|---------|--------|--------|---------|---------|--|
| 1) (i)         | 2) (v)  | 3) (i) | 4) (i) | 5) (iv) | 6) (iv) |  |
| 7) (ii)        | 8) (iv) |        |        |         |         |  |

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