

Name

Date



UNIT RATES IN TABLES SHEET 6.1

For each question, each of the rates remains constant. Work out the unit rate and fill in the missing numbers in each table. Give your answers to 2dp where appropriate.

1)

Miles	6	24	72
Minutes	5	20	

Unit rate is _____ miles per minute.

2)

Months Subscription	5	9	
Cost	\$35		\$84

Unit rate is \$ _____ per month.

3)

Jugs	2		10
Number of Cups	9	27	

Unit rate is _____ cups per jug.

4)

Books		96	144
Boxes	4	6	

Unit rate is _____ books per box.

5)

Yards		15	40
Seconds	4	6	

Unit rate is _____ yards per second.

6)

Episodes	3		5
Minutes	135	360	

Unit rate is _____ minutes per episode.

7)

Tickets	9	4	
Price		\$34	\$102

Unit rate is \$ _____ per ticket.

8)

Railcar	3	5	
Length (ft)	165		440

Unit rate is _____ ft per railcar.

9)

Silver eagles		4	12
Dollars	210	140	

Unit rate is _____ dollars per eagle.

Name

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UNIT RATES IN TABLES SHEET 6.1 ANSWERS

For each question, each of the rates remains constant. Work out the unit rate and fill in the missing numbers in each table. Give your answers to 2dp where appropriate.

1) Miles	6	24	72
Minutes	5	20	<u>60</u>

Unit rate is 1.2 miles per minute.

2) Months Subscription	5	9	<u>\$12</u>
Cost	\$35	<u>\$63</u>	\$84

Unit rate is \$ 7 per month.

3) Jugs	2	<u>6</u>	10
Number of Cups	9	27	<u>45</u>

Unit rate is 4.5 cups per jug.

4) Books	<u>64</u>	96	144
Boxes	4	6	<u>9</u>

Unit rate is 16 books per box.

5) Yards	<u>10</u>	15	40
Seconds	4	6	<u>16</u>

Unit rate is 2.5 yards per second.

6) Episodes	3	<u>8</u>	5
Minutes	135	360	<u>225</u>

Unit rate is 45 minutes per episode.

7) Tickets	9	4	<u>12</u>
Price	<u>\$76.50</u>	\$34	\$102

Unit rate is \$ 8.50 per ticket.

8) Railcar	3	5	<u>8</u>
Length (ft)	165	<u>275</u>	440

Unit rate is 55 ft per railcar.

9) Silver eagles	<u>6</u>	4	12
Dollars	210	140	<u>\$420</u>

Unit rate is \$35 dollars per eagle.