

Year 4
Chapter 12
Topic: Time
Sub Topic: Conversion of Minutes and Seconds (2)

Name: _____ Date: _____

Lesson Objectives	Steps to follow
Use 1 minute(min) = 60 seconds (s) to convert minute to seconds and vice versa.	<ol style="list-style-type: none"> 1) Write the formula = 1 min = 60 secs. 2) To convert seconds in minutes, divide the seconds by 60 ($120s \div 60 = 2 \text{ min}$) 3) To convert the seconds in minutes and seconds, find the closer number to that seconds then subtract. (example A) 4) Check your answer. (example given)

Example

A) Convert seconds in minutes and seconds

a) $130s = \underline{2} \text{ min } \underline{10} \text{ s}$

$130s - 120s = \underline{10} \text{ s}$

↓

(2 min)

Check: $2 \text{ min} = 120 \text{ seconds}$
 So add the seconds.
 $120 + 10 = 130s$

(130 is closer to 120)

b) $230s = \underline{3} \text{ min } \underline{50} \text{ s}$

$230s - 180s = \underline{50} \text{ s}$

↓

(3 min)

Check: $3 \text{ min} = 180 \text{ seconds}$.
 So add the seconds.
 $180 + 50 = 230s$

(230 is closer to 180 but more)

To convert the seconds in minutes and seconds, find the **closer number** to that seconds then subtract. (**example A**)

$60s = 1 \text{ min}$
 $120s = 2 \text{ min}$
 $180s = 3 \text{ min}$
 $240s = 4 \text{ min}$
 $300s = 5 \text{ min}$
 $360s = 6 \text{ min}$
 $420s = 7 \text{ min}$
 $480s = 8 \text{ min}$
 $540s = 9 \text{ min}$
 $600s = 10 \text{ min}$

a) $140s = \underline{\quad} \text{ min } \underline{\quad} \text{ s}$

$140s - \underline{\quad} \text{ s} = \underline{\quad} \text{ s}$

↓

(min)

b) $170s = \underline{\quad} \text{ min } \underline{\quad} \text{ s}$

$170s - \underline{\quad} \text{ s} = \underline{\quad} \text{ s}$

↓

(min)

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<p>c) $210s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $210s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>	<p>d) $187s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $187s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>
<p>e) $230s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $230s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>	<p>f) $345s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $345s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>
<p>g) $450s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $450s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>	<p>h) $580s = \underline{\hspace{1cm}} \text{min} \underline{\hspace{1cm}} s$ $580s - \underline{\hspace{1cm}} s = \underline{\hspace{1cm}} s$ ↓ ($\underline{\hspace{1cm}}$ min)</p>