



# Lesson 160

Display USB Lesson 160, or display Blackline Masters (see page xi).

**1** Refer to USB Question 1 or Blackline Master.

## SNAPSHOT

4 233 810

**QUESTION 1** Find the sum of **FOUR MILLION TWO HUNDRED AND THIRTY-THREE THOUSAND EIGHT HUNDRED AND TEN** and 53 710. (Repeat question)

**2** Display USB Question 2. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 2** 6190 minus 5009. (Repeat question)

**3** Display USB Question 3. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 3** Multiply 216 by 58. (Repeat question)

**4** Display USB Question 4. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 4** 1720 divided by 30. (Repeat question)

**5** Refer to USB Question 5 or Blackline Master.

## SNAPSHOT

1, 1, 2, 3, ?, 8, 13

**QUESTION 5** Find the missing number in this pattern. (Repeat question)

**6** Display USB Question 6. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 6** 110 children share some fruit. They get 9 pieces each and 101 pieces are left over. How many pieces of fruit did they start with? (Repeat question)

**7** Refer to USB Question 7 or Blackline Master.

## SNAPSHOT

$\sqrt{100} + (2 \times 3)$

**QUESTION 7** Find the answer to this problem. (Repeat question)

**8** Display USB Question 8. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 8** 4-fifths divided by 2-thirds. Express the answer as a mixed number. (Repeat question)

**9** Display USB Question 9. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 9** Multiply 5.15 by .5. (Repeat question)

**10** Display USB Question 10. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 10** Carly has 50 kg of sand. The wind blows away 75 g each week. How many kilograms of sand does Carly have after 20 weeks? (Repeat question)



**11** Display USB Question 11. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 11** A cone has a radius of 10 centimetres. Approximately how many metres of tape do I need to go around the bases of 10 cones? (Repeat question)

**12** Refer to USB Question 12 or Blackline Master.

**SNAPSHOT**

**QUESTION 12** The knot and LOOP of this ribbon measure 50 centimetres in length. How much ribbon altogether is tied around this cube which is 60 millimetres in height? (Repeat question)

**13** Display USB Question 13. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 13** The value of an \$8000 car decreases by 25% the first year and 10% of the original price each year after that. Find the cost after 5 years. (Repeat question)

**14** Display USB Question 14. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 14** Find the multiplicand if the multiplier is 9 and the product is 45. (Repeat question)

**15** Display USB Question 15. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 15** Find the difference between these amounts of money: 1 point 5 dollars and 95% of a dollar. (Repeat question)

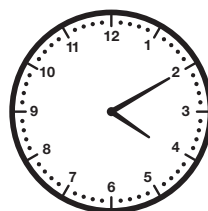
**16** Display USB Question 16. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 16** In 30 minutes a swimming pool is 3-eighths full. How long to 1-half fill the pool? (Repeat question)

**17** Display USB Question 17. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 17** A child's bus fare is half an adult's fare. If the total for 2 adults and 1 child is \$16, find the cost of 1 adult fare. (Repeat question)

**18** Refer to USB Question 18 or Blackline Master.

**SNAPSHOT**

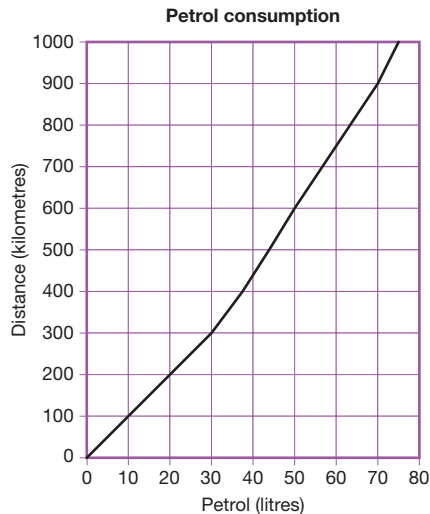
This **CLOCKFACE** is showing 4:10.

**QUESTION 18** What will be the exact time after the minute hand travels a further 45 degrees clockwise? (Repeat question)



**19** Refer to USB Question 19 or Blackline Master.

**SNAPSHOT**



This line graph shows the petrol consumption of a car over a 1000 kilometre journey.

**QUESTION 19** On average how many kilometres per litre did the car travel over the last 400 kilometre distance? (*Repeat question*)

**20** Display USB Question 20. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Blackline Master not required.

**QUESTION 20** The goal scorers for the losing team were Hoai, Liam and Viv. Hoai scored **half** the team's total **plus half** a goal more. Liam scored **half** the remaining total **plus half** a goal more. Viv scored **half** what was left **plus half** a goal more. What is the difference in the number of goals scored by Hoai and the number of goals scored by Viv? (*Repeat question*)

**Correct all questions.**

**DEBUG directly after corrections.**

**Students should complete the Self-evaluation, the EMMathon, the EMMathon Task and the Challenges.**

**ANSWER KEY**

<b>160.1</b>	4 287 520	<b>160.11</b>	6 m
<b>160.2</b>	1181	<b>160.12</b>	98 cm
<b>160.3</b>	12 528	<b>160.13</b>	\$2800.00
<b>160.4</b>	$57\frac{1}{3}$ (or equivalent fraction)	<b>160.14</b>	5
<b>160.5</b>	5	<b>160.15</b>	55c
<b>160.6</b>	1091	<b>160.16</b>	40 minutes
<b>160.7</b>	16	<b>160.17</b>	\$6.40
<b>160.8</b>	$1\frac{2}{10}$ or $1\frac{1}{5}$	<b>160.18</b>	4:17:30
<b>160.9</b>	2.575	<b>160.19</b>	16 km/litre
<b>160.10</b>	48.5 kg	<b>160.20</b>	3