Lesson 160

Display ERS Lesson 160, or display Colour Masters (see page xiv).

1   *Refer to ERS Question 1 or Colour Master.*

SNAPSHOT

4   2 3 3   8 1 0

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 ERS 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. Colour Master not required.*

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

3   *Display ERS 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. Colour Master not required.*

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

4   *Display ERS 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. Colour Master not required.*

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

5   *Refer to ERS Question 5 or Colour Master.*

SNAPSHOT

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

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

6   *Display ERS 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. Colour 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 ERS Question 7 or Colour Master.*

SNAPSHOT

$\sqrt{100}$ + (2 × 3)

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

8   *Display ERS 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. Colour Master not required.*

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

9   *Display ERS 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. Colour Master not required.*

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

10   *Display ERS 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. Colour 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 ERS 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. Colour 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 ERS Question 12 or Colour Master.*

SNAPSHOT

not to scale

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 ERS 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. Colour 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 ERS 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. Colour Master not required.*

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

15 *Display ERS 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. Colour Master not required.*

QUESTION 15 Find the difference between these amounts of money: 1 point 5 dollars and 95% of a dollar. *(Repeat question)*
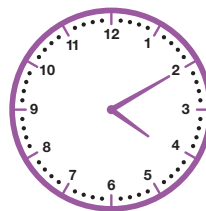
16 *Display ERS Question 16. Apart from identifying lesson and question number the slide is blank – the object of the display is simply to keep students on track. Colour Master not required.*

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

17 *Display ERS 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. Colour 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)*

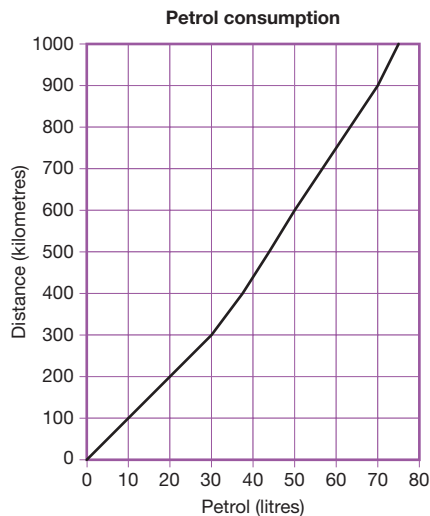**18** *Refer to ERS Question 18 or Colour Master.*

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 ERS Question 19 or Colour Master.*

SNAPSHOT

Petrol consumption

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