VISUAL DELIVERY

EMMathon 5

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Teacher Information

EMMathon

After students have self-evaluated their first group of 20 lessons (myEMMdata page 12), teachers are advised to run an EMMathon. An EMMathon is made up of 5 Marathons. A Marathon consists of 2 lessons from the previous 10, where the teacher presents the entire 40 questions without any teacher modelling.

The first Marathon (myEMMdata page 14, coded M01 in the plan below) revisits Lessons 11 and 12 (coded L11–L12) where only the question is presented. The second Marathon (M02) revisits Lessons 13 and 14 (L13–L14) etc. After the first EMMathon is completed, teachers return to the program presenting Lessons 21–40 as per the EMM script.

After students have self-evaluated their second group of 20 lessons (myEMMdata page 26), teachers run a second EMMathon (myEMMdata page 28), then return to the program, and so on. Each of the darker shaded sections below denote an EMMathon round. An EMMathon round consists of 10 lessons restructured into 5, effectively adding 40 lessons to the EMM program.

EMMathon to BugFree

EMMathon provides students with the opportunity to demonstrate they are BugFree; they affirm fluency and further enhance self-efficacy. Following the first EMMathon students should complete EMMathon 1 Task, myEMMdata page 58, and then, go to page 60 and convert their own EMMathon 1 scores to BugFree levels. Conversions should be performed after each EMMathon.
### myEMMdata

#### STUDENT WORKBOOK

<table>
<thead>
<tr>
<th>Question</th>
<th>EMMarathon 5</th>
<th>Marathon 21</th>
<th>Marathon 22</th>
<th>EMMarathon 5</th>
<th>Marathon 23</th>
<th>Marathon 24</th>
<th>Marathon 25</th>
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<tbody>
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<td>Question 20</td>
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</tbody>
</table>

**My score**

<table>
<thead>
<tr>
<th>Out of</th>
<th>40</th>
<th>40</th>
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</thead>
</table>

After recording my data for this EMMarathon, I go to page 118 and complete my EMMarathon 9 task.

---

myEMMdata page 74-75
Contents

EMMathon 5

- Marathon 21
- Marathon 22
- Marathon 23
- Marathon 24
- Marathon 25
Marathon 21
Question 2
Question 3

\[ \begin{array}{c}
20 \\
\times \ \\
300 \\
\hline \\
6000
\end{array} \]
Question 4

$$69 \div 3 = (60 \div 3) + (9 \div 3)$$
Question 5
Question 6

\(? \times 9 = \square\)

\(\square - 8 = 10\)
Question 8

\[ \frac{1}{2} \times \frac{2}{2} = \frac{2}{4} \]
Question 9

4.59 ÷ 10 = .459
Question 11

Rectangular prism
Question 12
Question 13

\[ \frac{50}{100} = ?\% \]
Question 14

45 < 64
Question 15

$11.20 \div 16$
5.60 \div 8
2.80 \div 4
1.40 \div 2
Question 16
Question 17

\[ x + 4 = 20 \]
Question 18
Question 19
Question 20
Question 1

14 029
Question 2
Question 3

\[ \begin{array}{c}
\times \\
20 \\
30 \\
\hline
6000 \\
\end{array} \]
Question 4

\[ 69 \div 3 = (60 \div 3) + (9 \div 3) \]
Question 5
Question 6

\[ ? \times 9 = 0 \]
\[ 0 - 17 = 10 \]
Question 7
Question 8

\[
\frac{1}{2} \times \frac{2}{2} = \frac{2}{4}
\]
Question 9

\[ 4.59 \div 10 = 0.459 \]
Question 10
Question 11

Rectangular prism
Question 12
Question 13

\[ \frac{5}{100} = \% \]
Question 14

45 < 64
Question 15

$11.20 \div 16$

5.60 \div 8

2.80 \div 4

1.40 \div 2
Question 16
Question 17

$x + 4 = 20$
Question 18

Diagram:

```
  1
 /|
| 2
| 3|
| 4
| 5
```

L 92
Elementary Math Mastery
Question 19

Our pets

Dogs

Cats

L 92

Elementary Math Mastery
Question 20
Question 1

23 047
Question 2
Question 3

\[ 20 \times 30 = 600 \]
Question 4

\[ 69 \div 3 = (60 \div 3) + (9 \div 3) \]
Question 5
Question 6

?

\[ \times 8 = \square \]

\[ \square \quad - \quad 14 = 10 \]
Question 7
Question 8

\[ \frac{1}{2} \times \frac{2}{2} = \frac{2}{4} \]
Question 9
Question 10
Question 11
Question 12
Question 13

\[ \frac{25}{100} = \ ?\% \]
Question 14

45 < 64
Question 15

$11.20 \div 16$

$5.60 \div 8$

$2.80 \div 4$

$1.40 \div 2$
Question 16
Question 17

\[ x + 4 = 20 \]
Question 18

1 4 6

5 4 2

1
Question 19

![Venn Diagram showing pets]
Question 20
Question 1

13054
Question 2
Question 3

\[ \times \]

\[ \begin{array}{c}
  20 \\
  \times 30 \\
  \hline \\
  6000 \\
\end{array} \]
Question 4

\[ 69 \div 3 = (60 \div 3) + (9 \div 3) \]
Question 6

\(? \times 3 = \square\)

\(\square - 5 = 10\)
Question 7
Question 8

\[ \frac{1}{2} \times \frac{2}{2} = \frac{2}{4} \]
Question 9
Question 10
Question 11
Question 12
Question 13

\[
\frac{2}{100} = ?\% 
\]
Question 14

45 < 64
Question 15
Question 17

\[ x + 4 = 20 \]
Question 18
Question 19
Question 20
Question 1

34 056
Question 2
Question 3

\[ 20 \times 30 = 600 \]
Question 4

\[ 69 \div 3 = (60 \div 3) + (9 \div 3) \]
Question 5
Question 6

\[ ? \times 10 = \square \]

\[ \square - 40 = 10 \]
Question 7
Question 8

\[ \frac{1}{2} \times \frac{?}{?} = \frac{2}{4} \]
Question 9
Question 10
Question 11
Question 12
Question 13

\[
\frac{11}{100} = ?\%
\]
Question 14
Question 15
Question 16
Question 17

\[ x + 4 = 20 \]
Question 18

\[
\begin{array}{ccc}
1 & 4 & 6 \\
4 & 2 & 3 \\
5 & & \\
\end{array}
\]
Question 19

![Venn Diagram]

**Our pets**

- **Dogs**
- **Cats**
Question 20
Question 2
Question 3
Question 4

69 ÷ 3 = (? ÷ 3) + (9 ÷ 3)
Question 5
Question 6

\[ \Box{J} - 5 = \Box{Z} \]

\[ \Box{Z} \times 2 = 6 \text{ years old} \]
Question 7
Question 8

\[ \frac{1}{4} \left( \frac{2}{2} \right) = \frac{?}{8} \]
Question 9

\[ 0.8 \times 2 = 1.6 \]
Question 10
Question 11
Question 12

6 m
Question 13
Question 14
Question 15
Question 16
Question 17
Question 19
Question 20
Marathon 24
Question 1

26 006
Question 2
Question 3
Question 4

\[69 \div 3 = (60 \div ?) + (9 \div 3)\]
Question 5
Question 6

\[ S - 5 = B \]

\[ B \times 3 = 6 \text{ years old} \]
Question 7
Question 8

\[ \frac{3}{5} \left( \frac{2}{2} \right) = \frac{6}{?} \]
Question 9

\[ \frac{8}{10} \times 2 = 1.6 \]
Question 10
Question 11
Question 12

8 m
Question 13
Question 14
Question 15
Question 17
Question 18

90°
Question 19

Our pets

Dogs

Cats

Birds

L 97
Elementary Math Mastery
Question 20
Question 2
Question 3
Question 4

\[ 69 \div 3 = (60 \div 3) + (9 \div \, ?) \]
Question 5
Question 6

\[ B - 5 = T \times 4 = 8 \] years old
Question 7
Question 8

\[ \frac{3}{5} \left( \frac{?}{?} \right) = \frac{6}{10} \]
Question 9
Question 10
Question 11
Question 12

32 m
Question 14
Question 15
Question 16
Question 17
Question 18

90°
Question 19

Our pets

Dogs

Cats

Birds
Question 20
Question 1

42 0005
Question 2
Question 3
Question 4

$69 \div 3 = (\ ? \div 3) + (\ ? \div 3)$
Question 5
Question 6

\[ C - 5 = A \times 2 = 8 \text{ years old} \]
Question 7
Question 8

\[
\frac{2}{5} \left( \frac{?}{?} \right) = \frac{6}{15}
\]
Question 9
Question 10
Question 11
Question 12

84 m
Question 13
Question 14
Question 15
Question 16
Question 17
Question 18

90°
Question 19
Question 20
Question 1

44 004

L 100
Question 4

\[ 69 \div 3 = (? \div ?) + (9 \div 3) \]
Question 5
Question 6
Question 7
Question 8

\[ \frac{2}{5} \left( \frac{?}{?} \right) = \frac{6}{15} \]
Question 9
Question 11
Question 12

22 m

L 100
Question 15
Question 16
Question 17
Question 18
Question 19

Our pets

Dogs

Cats

Birds

L 100
Question 20
Thank you for your participation in the Math Mastery Series. The importance of the teacher’s role cannot be over-emphasised. Your feedback is much valued and appreciated.


For complimentary EMMathon 6 Visual Delivery slides please contact

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