# Fluent in Five

# Daily Arithmetic Practice Week 8

Year 6

#### Year 6 - Week 8

Please note, we always recommend reading 'Your Guide to Using Fluent in Five' before using these resources with your class.

# This week in a nutshell

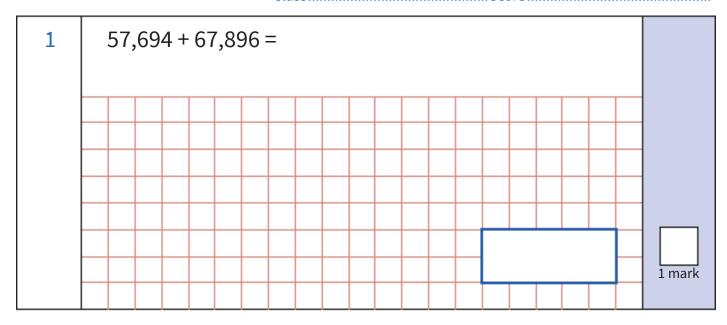
- The addition of fractions presented as mixed numbers is introduced for the first time.
- Pupils are also introduced to multiplying fractions by whole numbers.

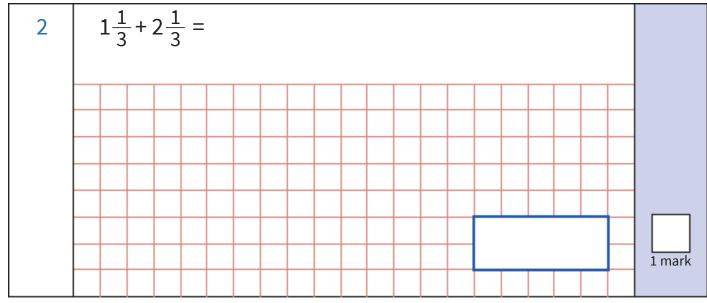
**Note:** For both of these styles of questions, answers can be given in any equivalent form.

- Pupils are introduced to the squared notation (2) for the first time.
- Mental multiplication and division skills from the previous 7 weeks are recapped throughout the week.
- Written methods continue to focus on long and short multiplication, short division and addition and subtraction of large numbers.

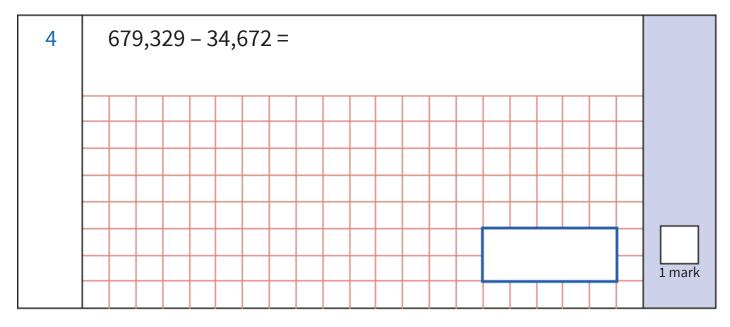
Fluent in Five - Year 6
Week 8 - Day 1

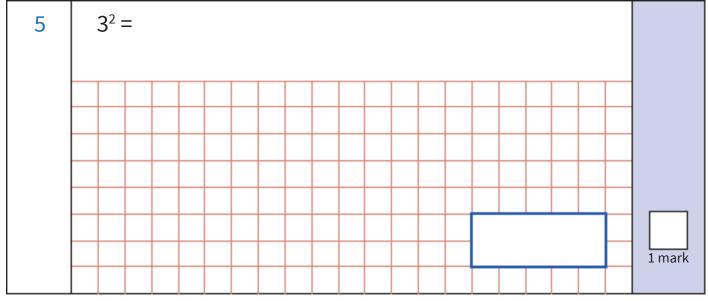
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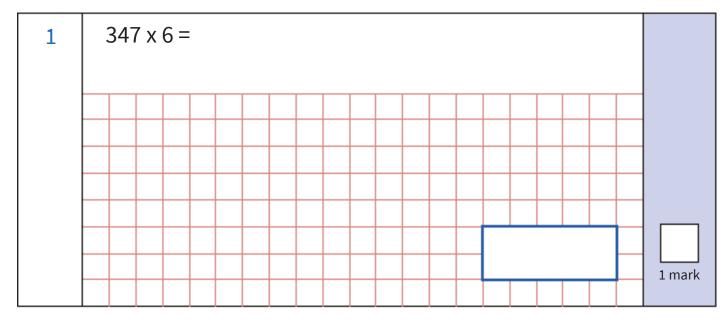


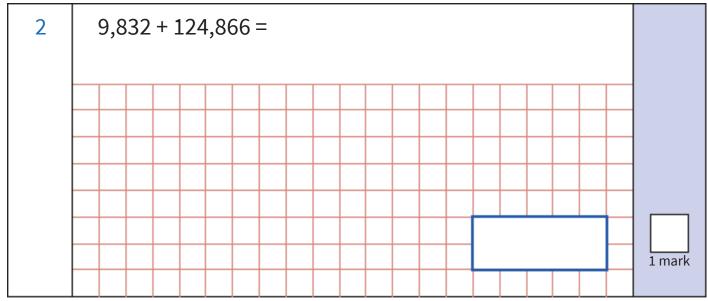
# **Answer Sheet**

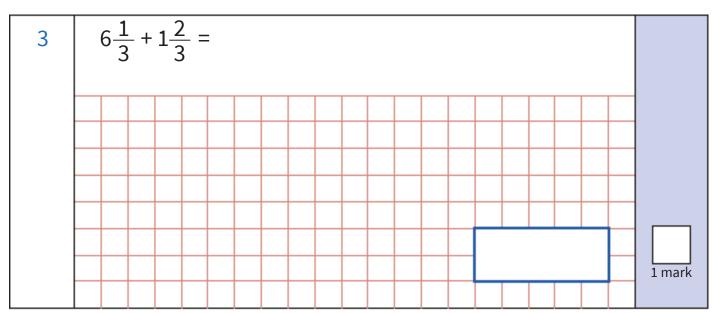
- 1. 57,694 + 67,896 = **125,590** (W)
- 2.  $1\frac{1}{3} + 2\frac{1}{3} = 3\frac{2}{3}$  (M)
- 3. 3.21 x 3 = **9.63** (M)
- 4. 679,329 34,672 = **644,657** (W)
- 5.  $3^2 = 9 (M)$

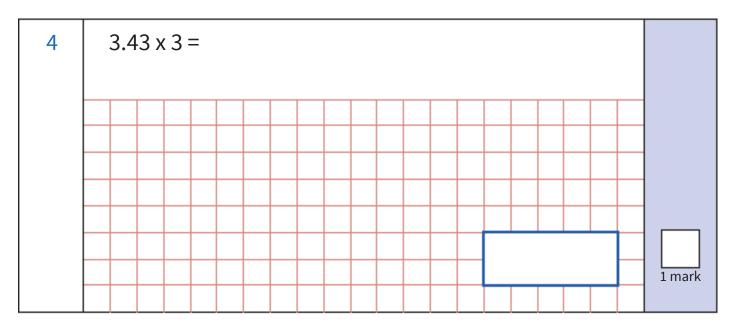
Fluent in Five - Year 6	ô
Week 8 - Day 2	

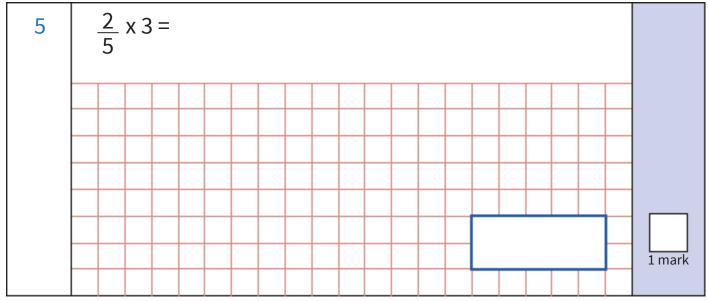
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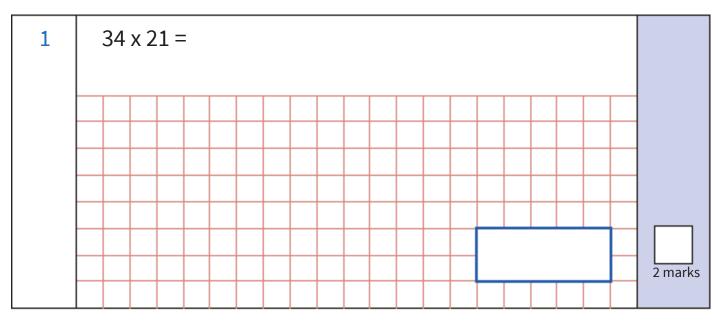


# **Answer Sheet**

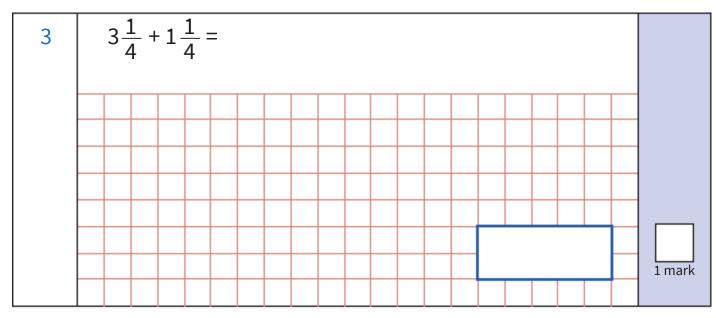
- 1.  $347 \times 6 = 2,082 \text{ (W)}$
- 2. 9,832 + 124,866 = **134,698** (W)
- 3.  $6\frac{1}{3} + 1\frac{2}{3} = 8$  (M)
- 4. 3.43 x 3 = **10.29** (M)
- 5.  $\frac{2}{5}$  x 3 =  $\frac{6}{5}$  or  $1\frac{1}{5}$  (M)

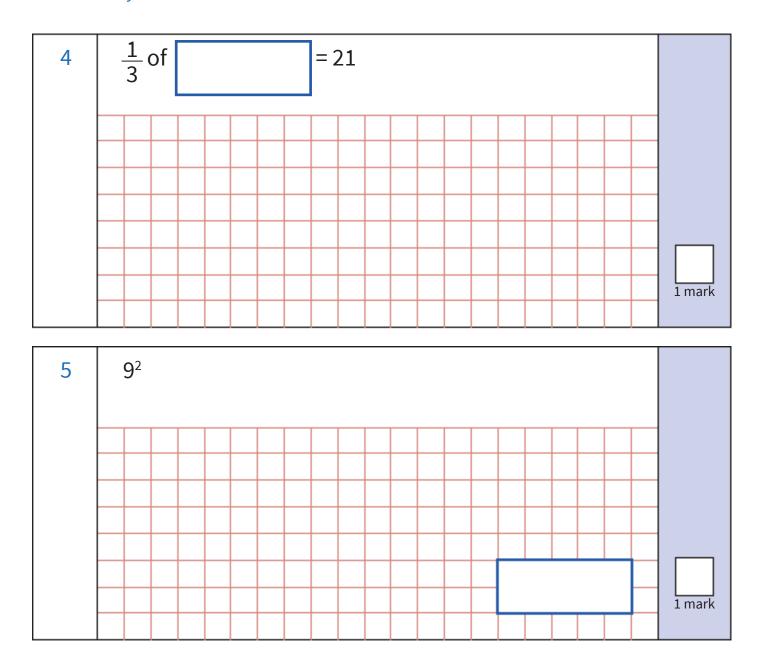
Fluent in	Five – Year 6
Week 8 -	Day 3

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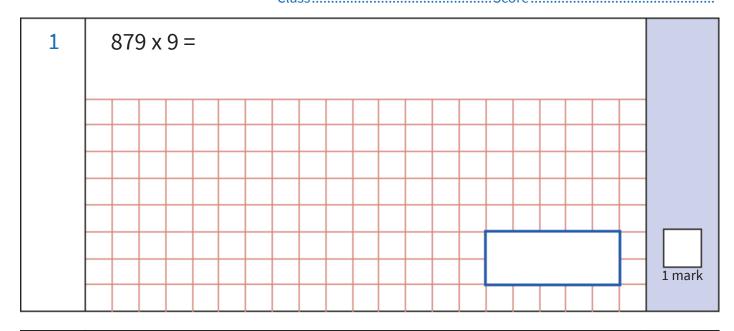


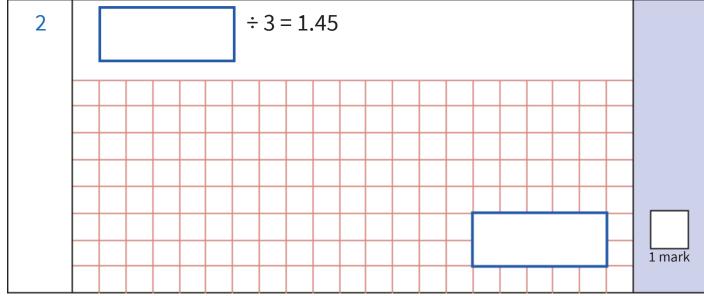
# **Answer Sheet**

- 1. 34 x 21 = **714** (W)
- 2.  $784 \div 9 = 87 \frac{1}{9}$  or 87 r 1 (W)
- 3.  $3\frac{1}{4} + 1\frac{1}{4} = 4\frac{2}{4}$  or  $4\frac{1}{2}$  (M)
- 4.  $\frac{1}{3}$  of **63** = 21 (M)
- 5.  $9^2 = 81 (M)$

Fluent in Five - Year 6
Week 8 - Day 4

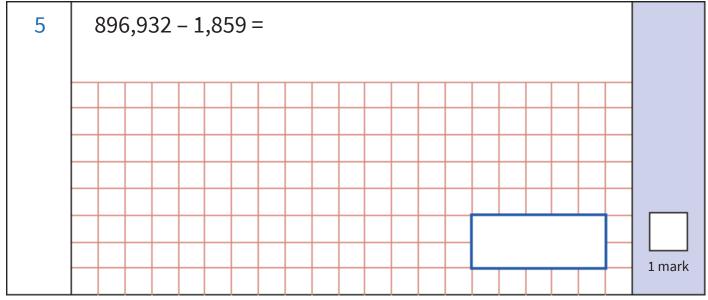
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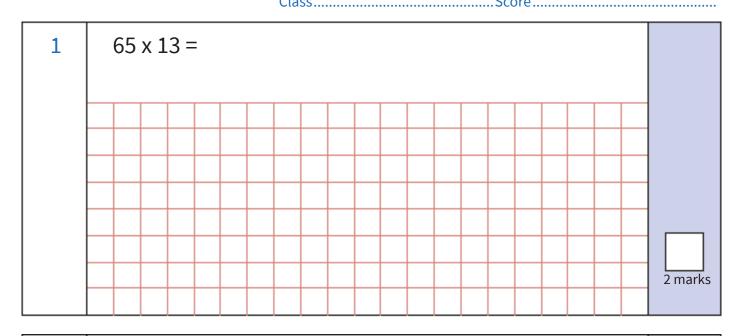


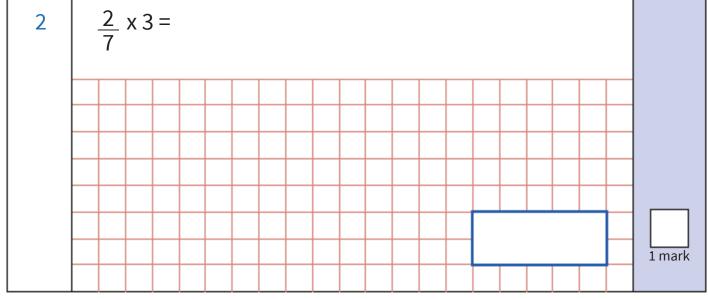


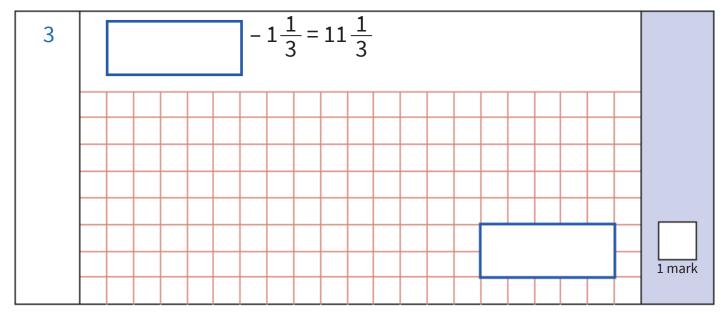
# **Answer Sheet**

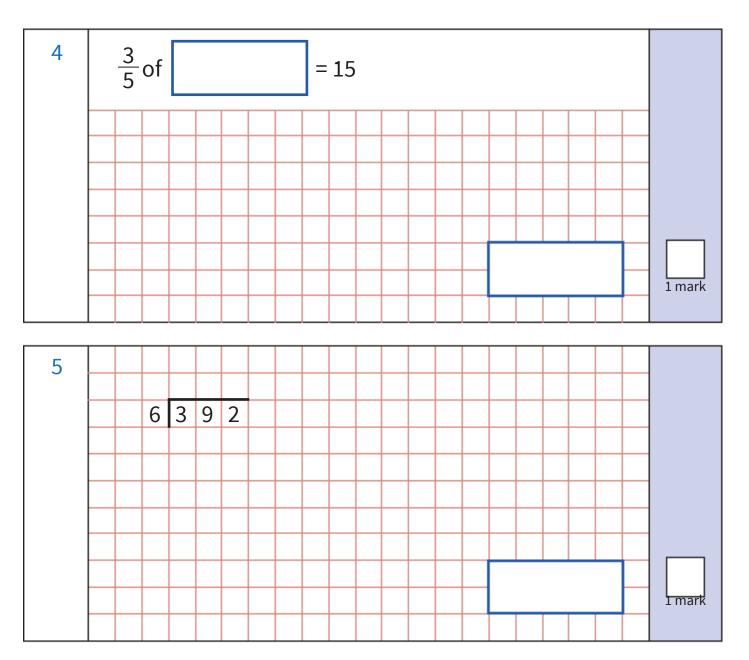
- 1. 879 x 9 = **7,911** (W)
- **2. 4.35**  $\div$  3 = 1.45 (M)
- 3.  $\frac{3}{5}$  x 2 =  $\frac{6}{5}$  or  $1\frac{1}{5}$  (M)
- 4.  $12^2 = 144$  (M)
- 5. 896,932 1,859 = **895,073** (W)

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#### **Answer Sheet**

- 1. 65 x 13 = **845** (W)
- 2.  $\frac{2}{7} \times 3 = \frac{6}{7}$  (M)
- 3.  $12\frac{2}{3} 1\frac{1}{3} = 11\frac{1}{3}$  (M)
- 4.  $\frac{3}{5}$  of **25** = 15 (M)
- 5.  $392 \div 6 = 65 \text{ r 2 or } 65 \frac{2}{6} \text{ or } 65 \frac{1}{3} \text{ or } 65.33 \text{ (W)}$