# Fluent in Five

# Daily Arithmetic Practice Week 9

Year 6

#### Year 6 - Week 9

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

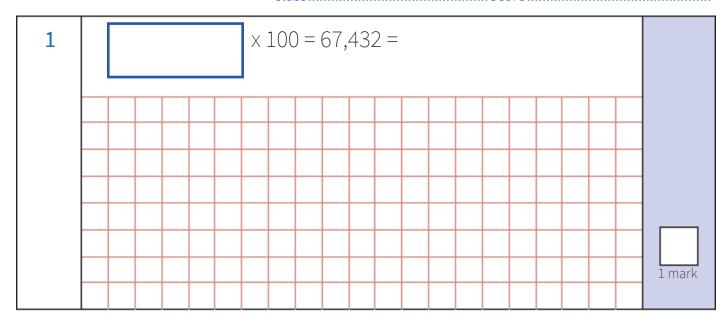
# This week in a nutshell

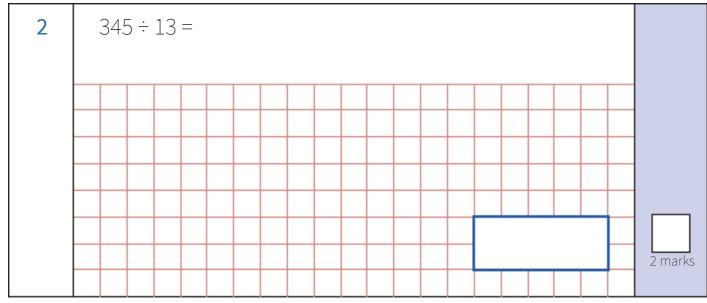
This week, the number of questions has increased to 6, with 2 of these being questions which require a written method. Pupil's speed of response should have increased over the previous 8 weeks. With this in mind, answering the increased number of questions within 5 minutes should be achievable for most by the end of this week.

- Mental multiplication, division, addition and subtraction content from the previous 8 weeks is recapped.
- Pupils are introduced to cubed numbers for the first time.
- Pupils are introduced to long division questions (which always carry 2 marks).
- The addition and subtraction of decimals using a formal written method is also introduced.

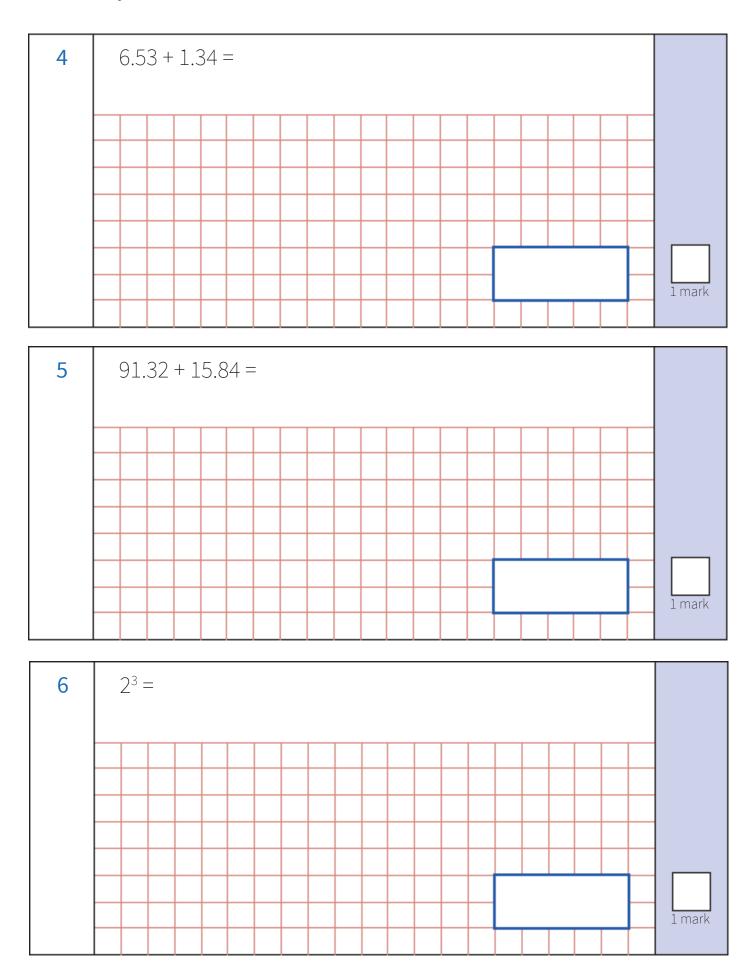
Fluent in Five - Year 6	5
Week 9 - Day 1	

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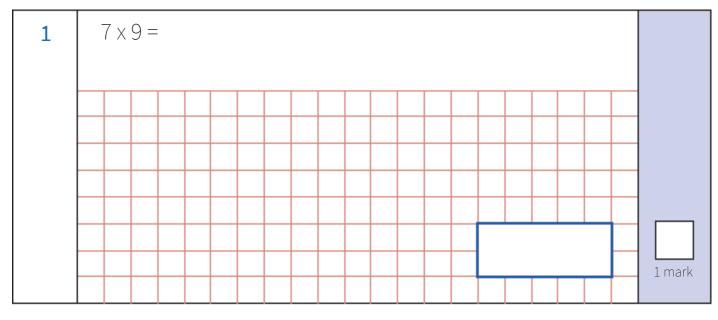


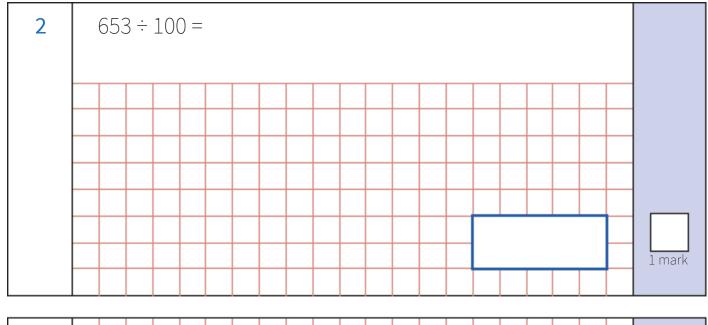
## **Answer Sheet**

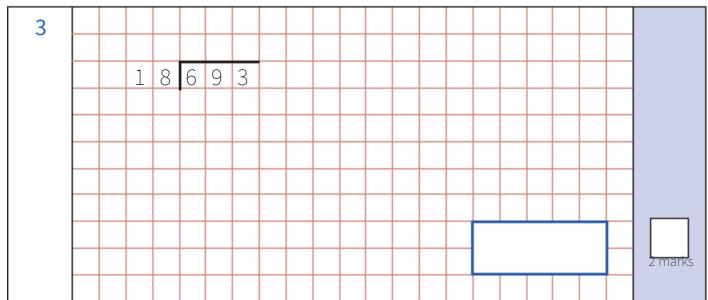
- 1. **674.32** × 100 = 67,432 (M)
- 2.  $345 \div 13 = 26 \text{ r 7 (W)}$
- 3.  $\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$  (M)
- 4. 6.53 + 1.34 = **7.87** (M)
- 5. 91.32 + 15.84 = **107.16** (W)
- 6.  $2^3 = 8 (M)$

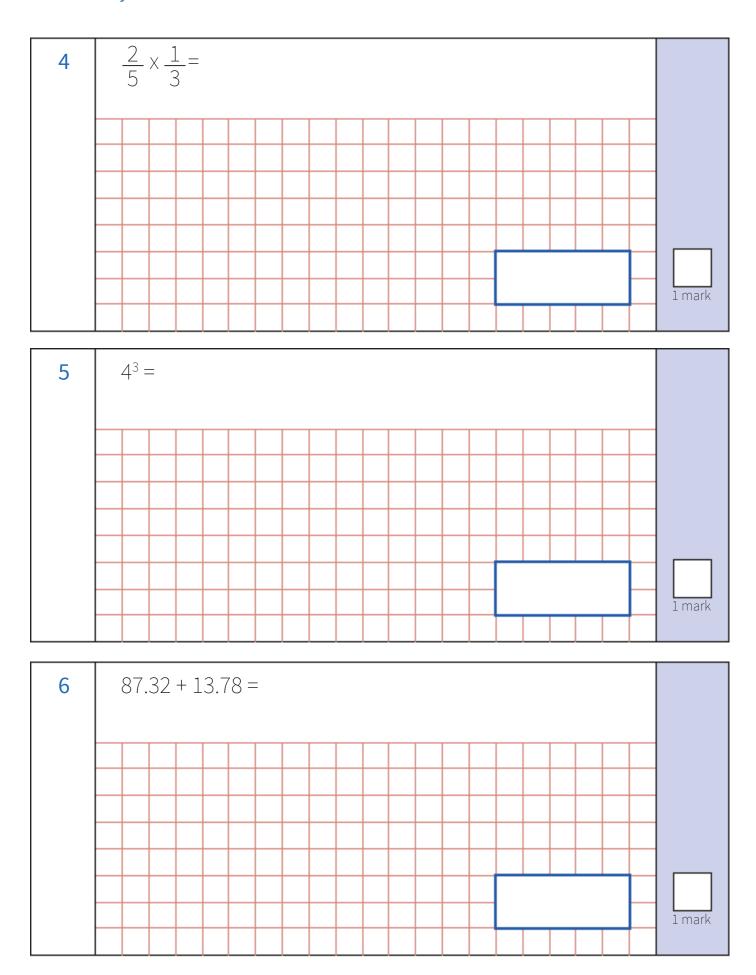
Fluent in Five - Year 6
Week 9 - Day 2

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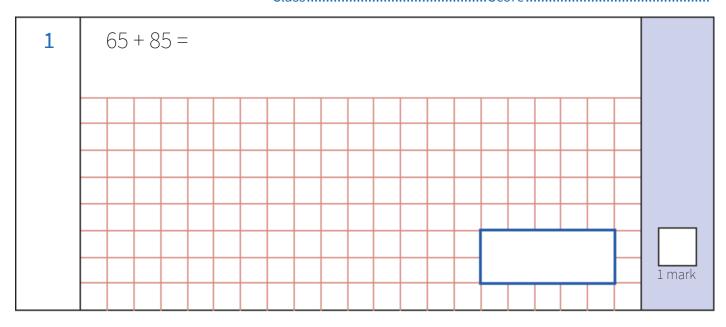


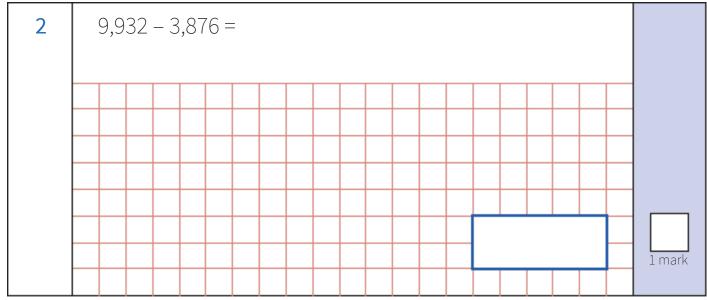
#### **Answer Sheet**

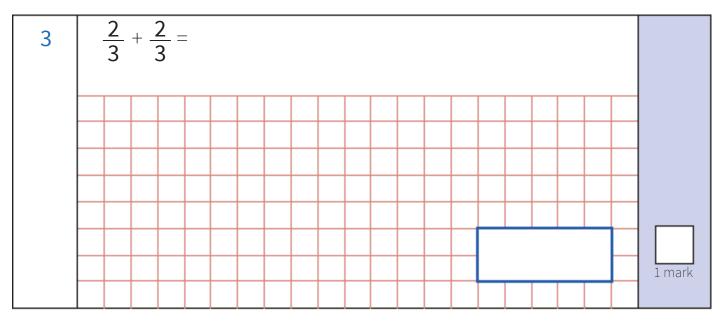
- 1.  $7 \times 9 = 63 \text{ (M)}$
- 2.  $653 \div 100 = 6.53$  (M)
- 3.  $693 \div 18 = 38 \text{ r 9 or } 38.\frac{1}{2} \text{ or } 38.5(\text{W})$
- 4.  $\frac{2}{5} \times \frac{1}{3} = \frac{2}{15} (M)$
- 5.  $4^3 = 64 (M)$
- 6. 87.32 + 13.78 = **101.1** (W)

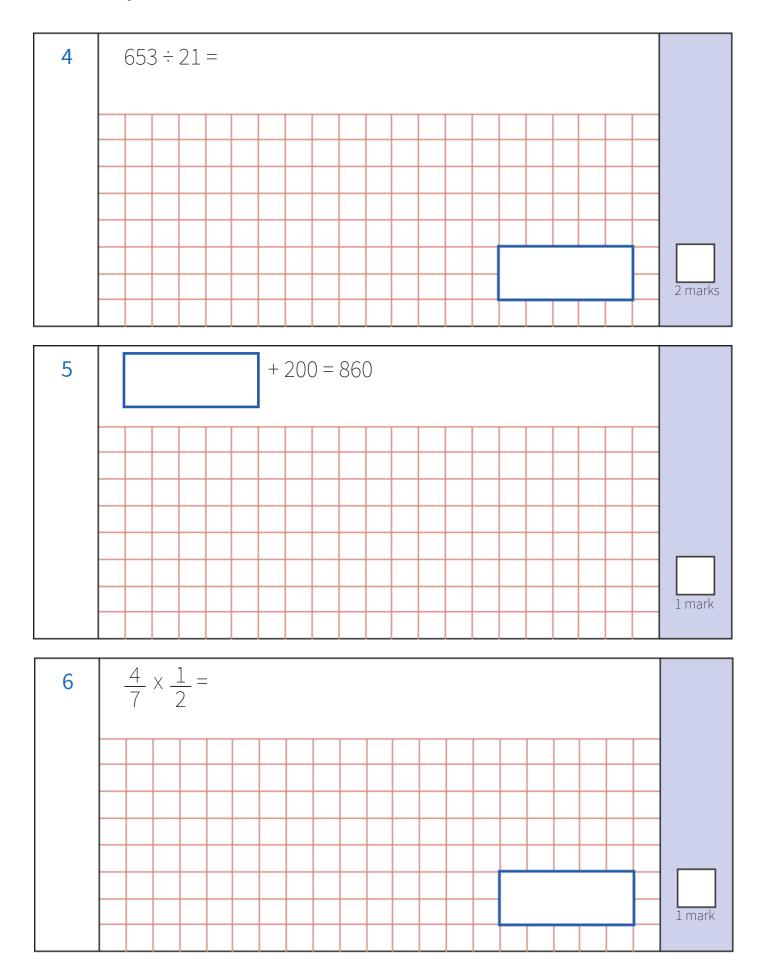
Fluent in	Five – Year 6
Week 9 –	Day 3

Date School Score









#### **Answer Sheet**

1. 
$$65 + 85 = 150$$
 (M)

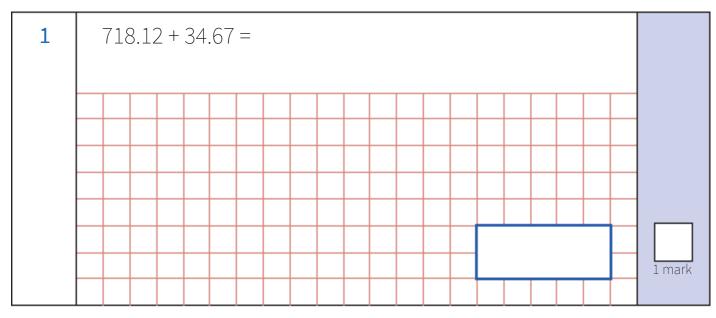
3. 
$$\frac{2}{3} + \frac{2}{3} = \frac{4}{3}$$
 or  $1\frac{1}{3}$ (M)

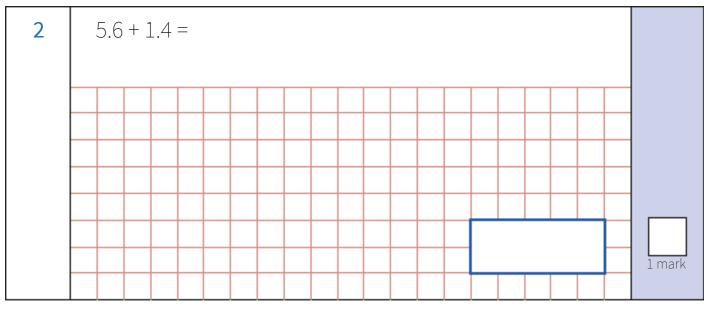
4. 
$$653 \div 21 = 31 \text{ r 2} (W)$$

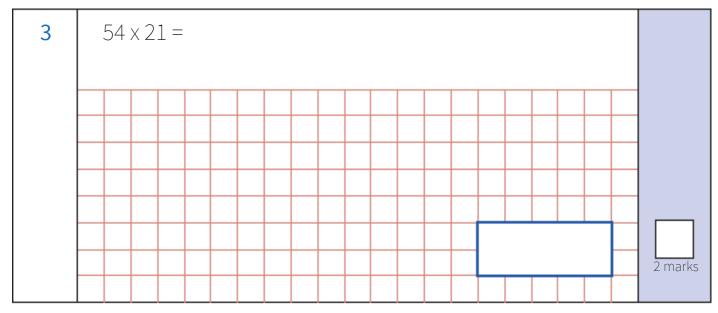
6. 
$$\frac{4}{7} \times \frac{1}{2} = \frac{4}{14} (M)$$

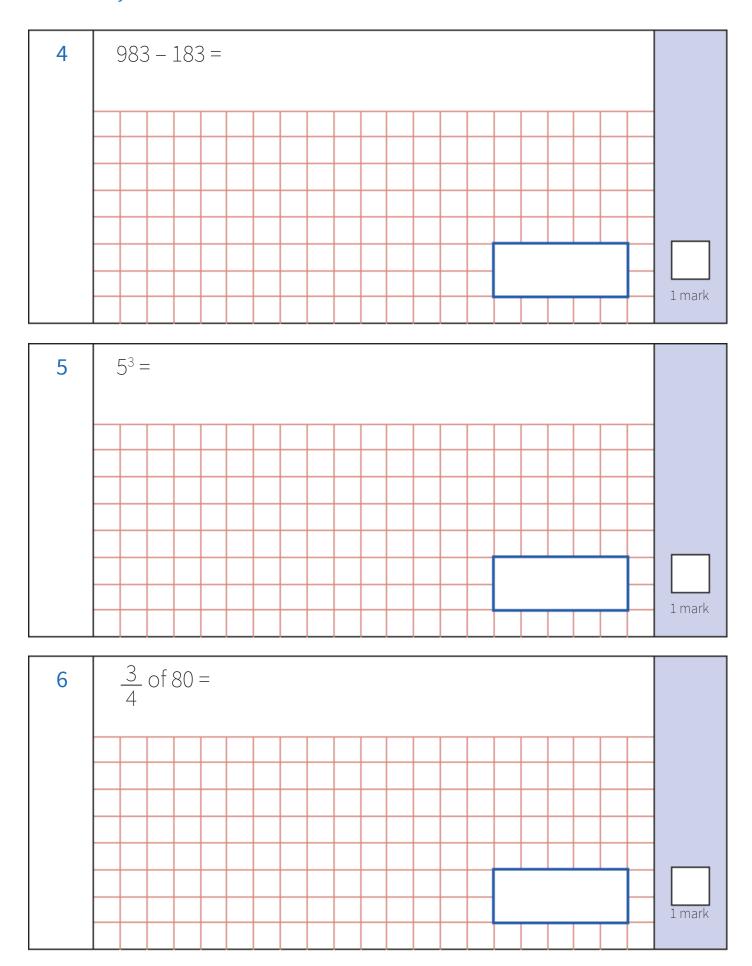
Fluent in Five - Year 6
Week 9 - Day 4

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#### **Answer Sheet**

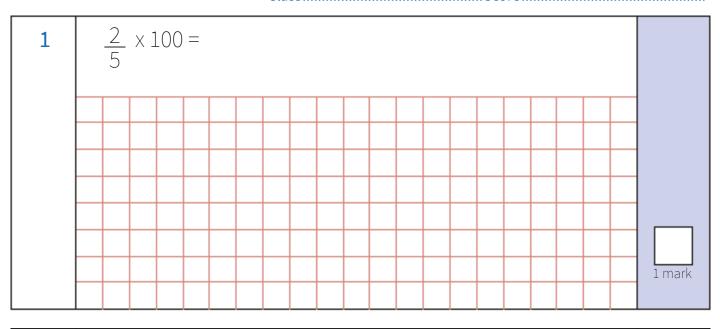
2. 
$$5.6 + 1.4 = 7 (M)$$

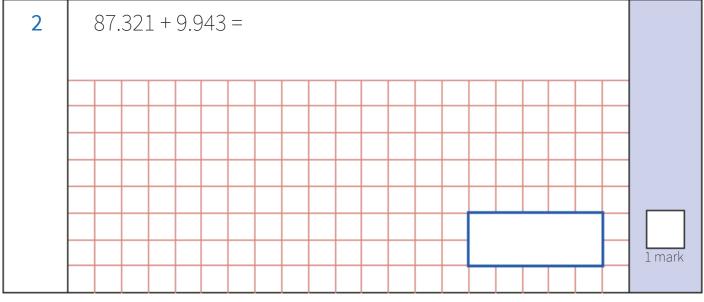
5. 
$$5^3 = 125 (M)$$

6. 
$$\frac{3}{4}$$
 of 80 = **60** (M)

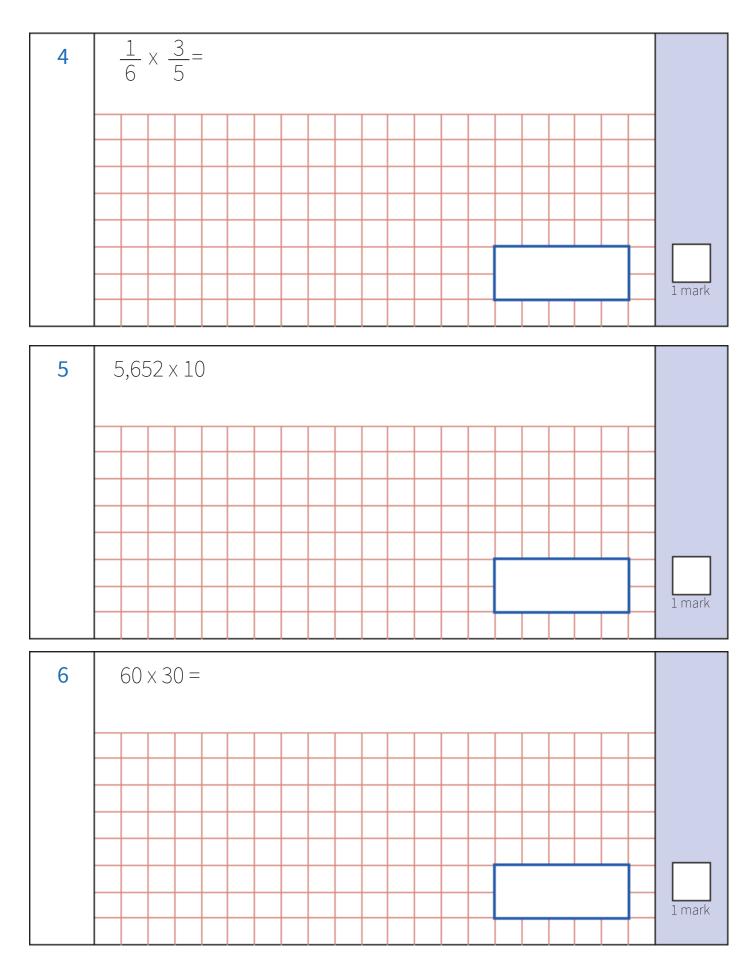
Fluent in Five - Year 6
Week 9 - Day 5

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#### **Answer Sheet**

1. 
$$\frac{2}{5}$$
 × 100 = **40** (M)

3. 
$$873 \div 21 = 41 \text{ r } 12 \text{ (W)}$$

4. 
$$\frac{1}{6} \times \frac{3}{5} = \frac{3}{30} (M)$$

6. 
$$60 \times 30 = 1,800 \text{ (M)}$$