

Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

Information:

These questions have been inspired by the KS2 Arithmetic test to help your children practise specific question types. Questions of this style also appear on the 2016 sample Arithmetic paper (questions 16, 25 and 34), the 2016 Arithmetic Test (questions 22 and 32), the 2017 Arithmetic Test (question 36) and the 2018 Arithmetic Test (question 36).

National Curriculum Objectives:

Mathematics Year 6: (6C7b) [Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context](#)

Differentiation:

Beginner Dividing 4-digit numbers by 2-digit numbers between 10 and 20. Answers are whole numbers. Aimed at Year 6 Emerging.

Easy Dividing 4-digit numbers by 2-digit numbers between 10 and 30. Answers are whole numbers. Aimed at Year 6 Developing.

Tricky Dividing 4-digit numbers by 2-digit numbers between 10 and 30. Answers include remainders. Aimed at Year 6 Expected.

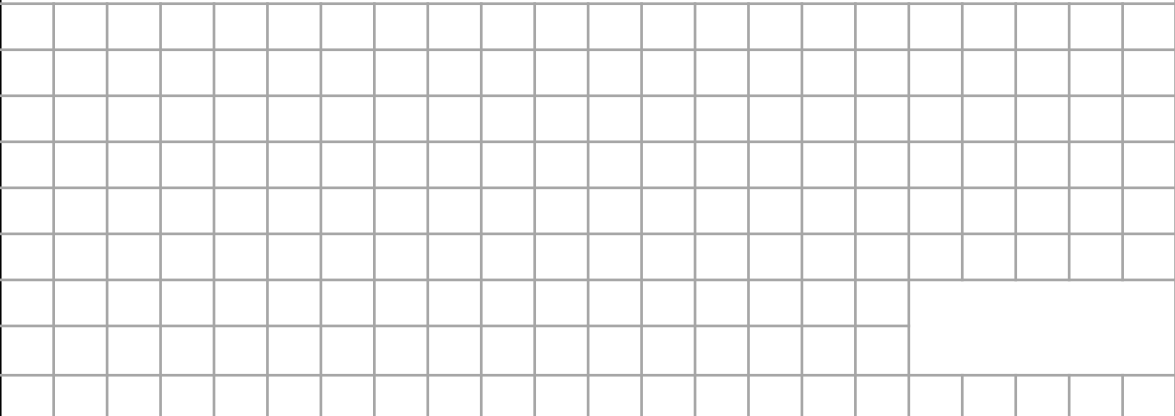
Expert Dividing 4-digit numbers by 2-digit numbers between 10 and 60. Answers include remainders. Aimed at Year 6 Greater Depth.

More [Arithmetic](#) resources.

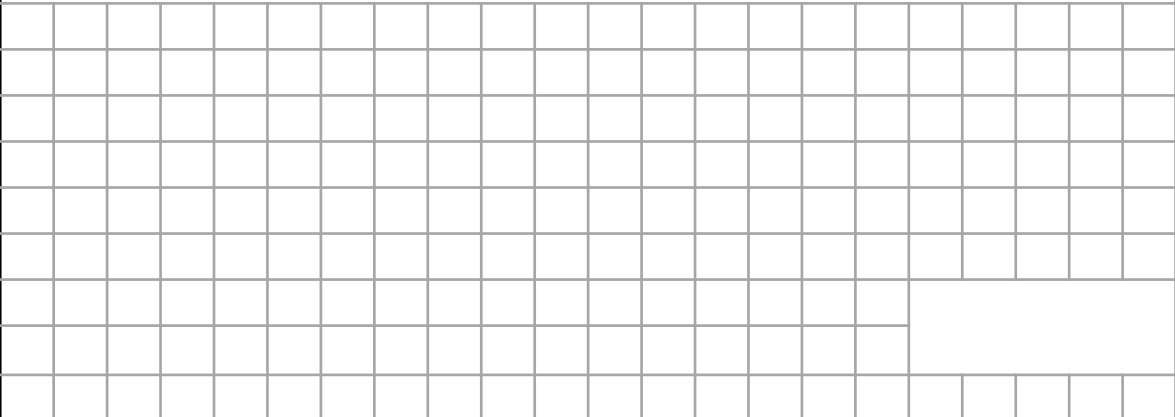
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Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

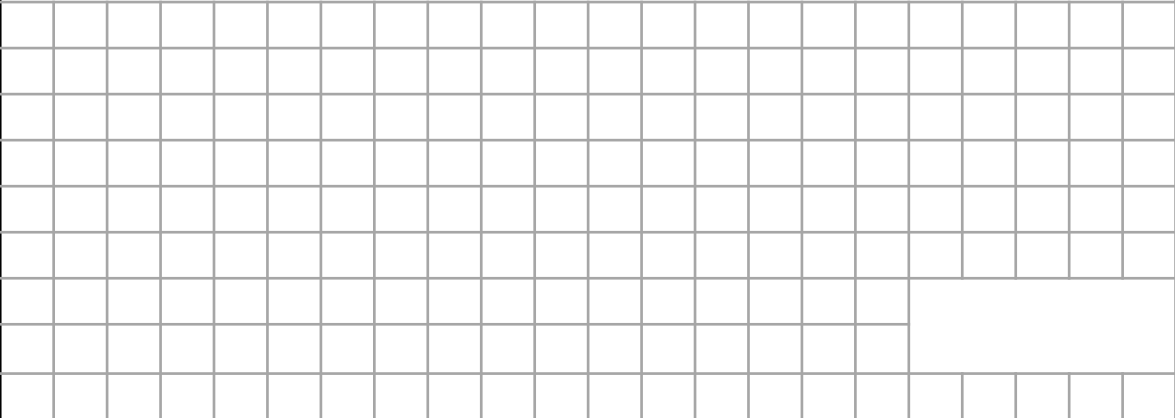
1

$$1,320 \div 12 =$$


2

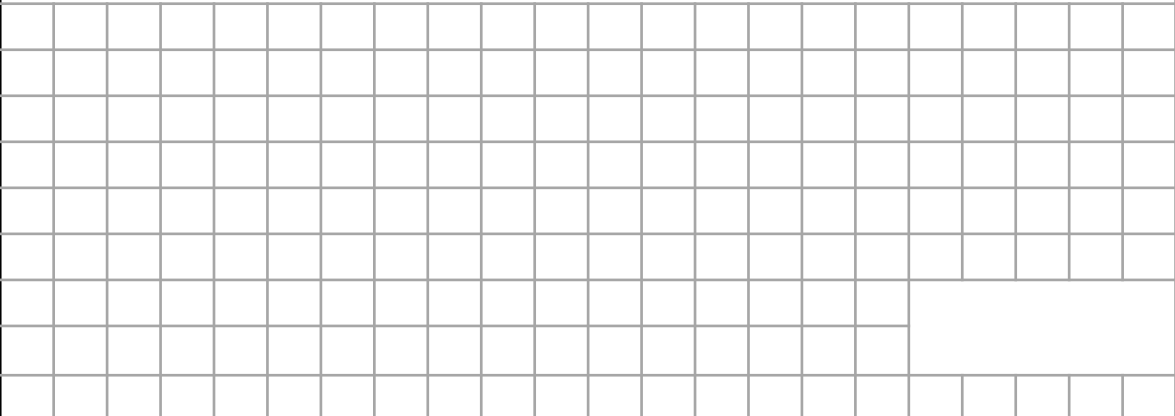
$$1,560 \div 15 =$$


3

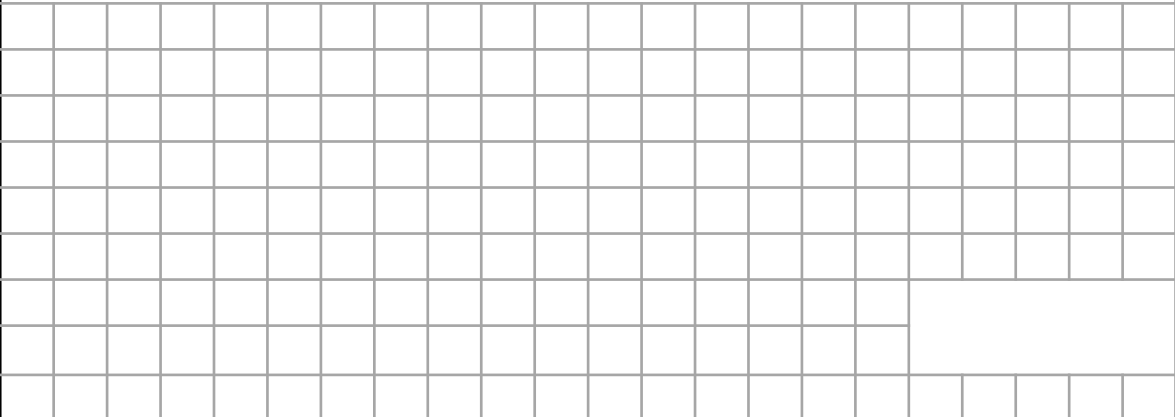
$$1,612 \div 13 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

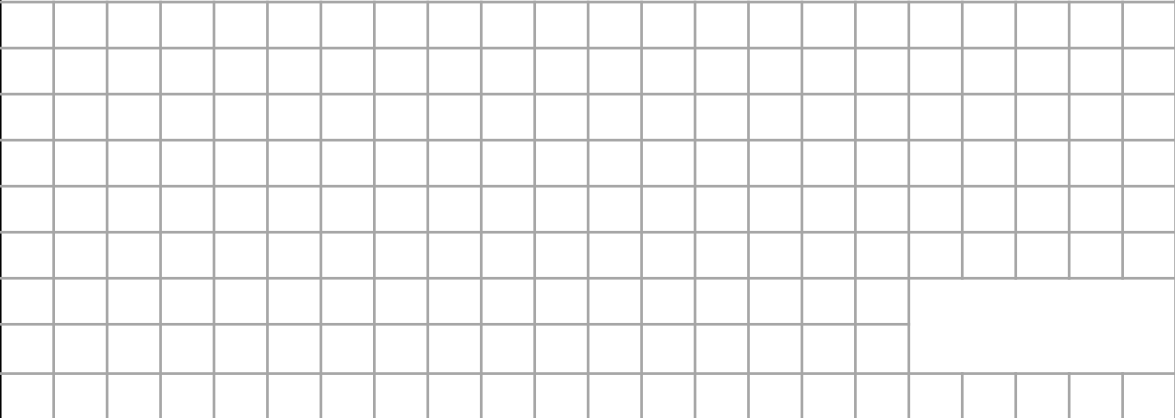
10

$$1,440 \div 12 =$$


11

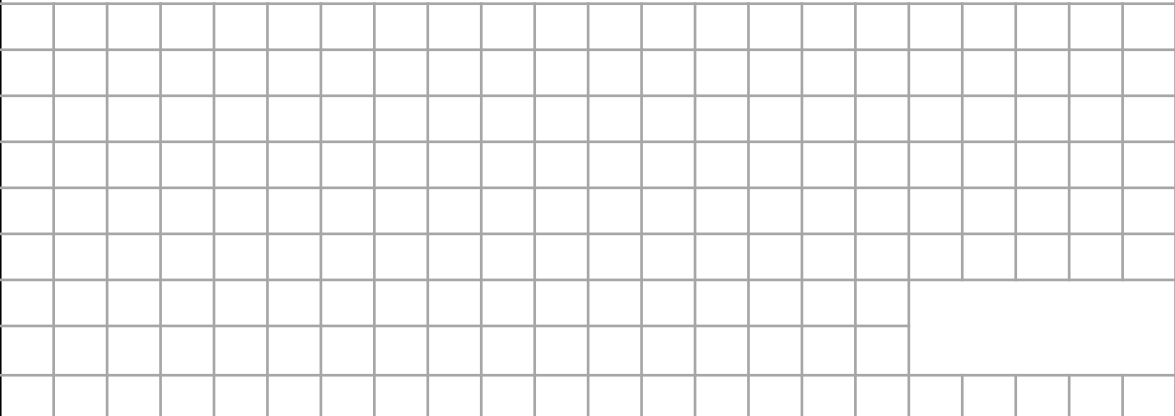
$$1,695 \div 15 =$$


12

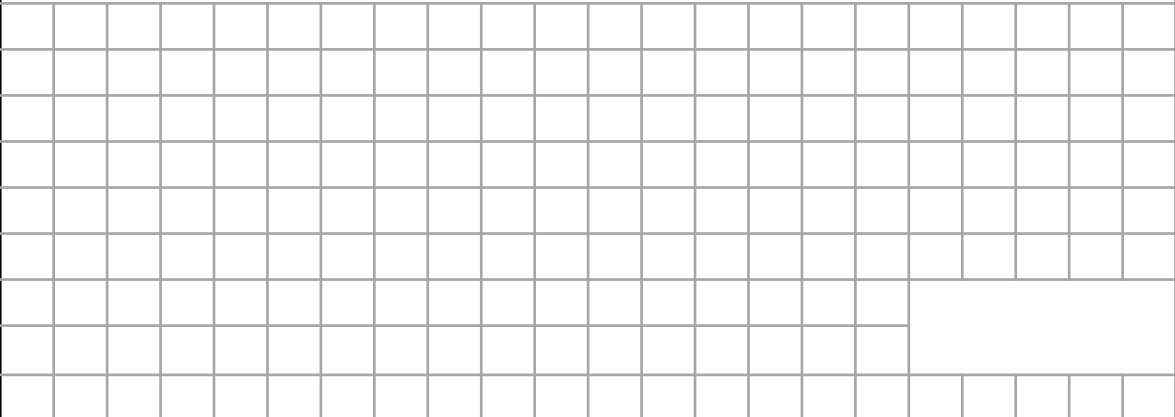
$$1,133 \div 11 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

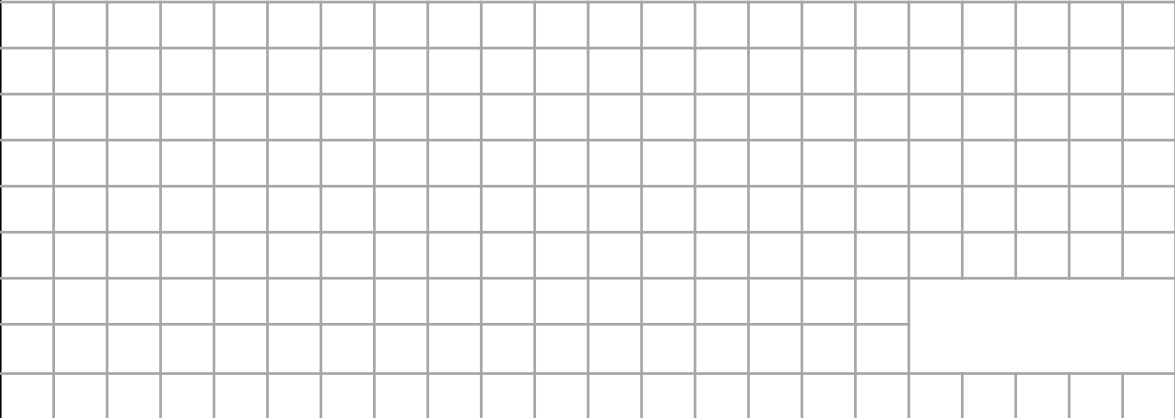
1

$$3,335 \div 29 =$$


2

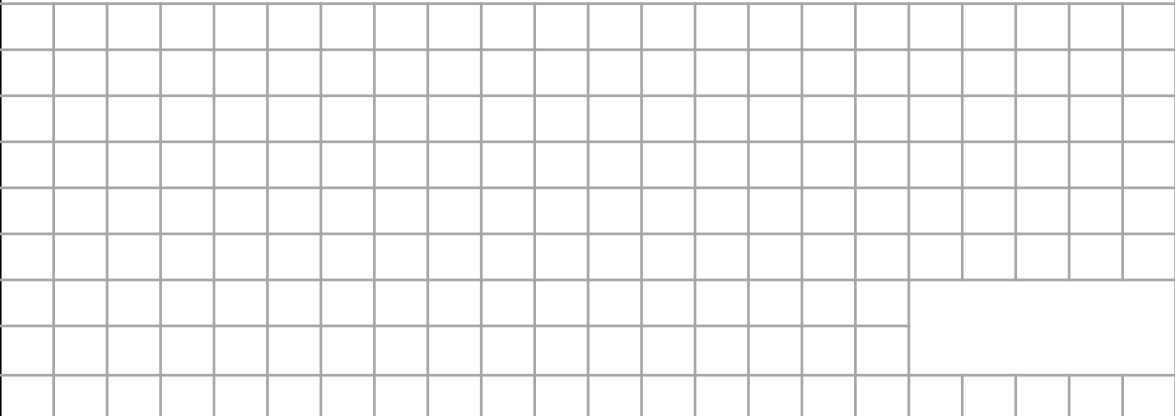
$$2,544 \div 24 =$$


3

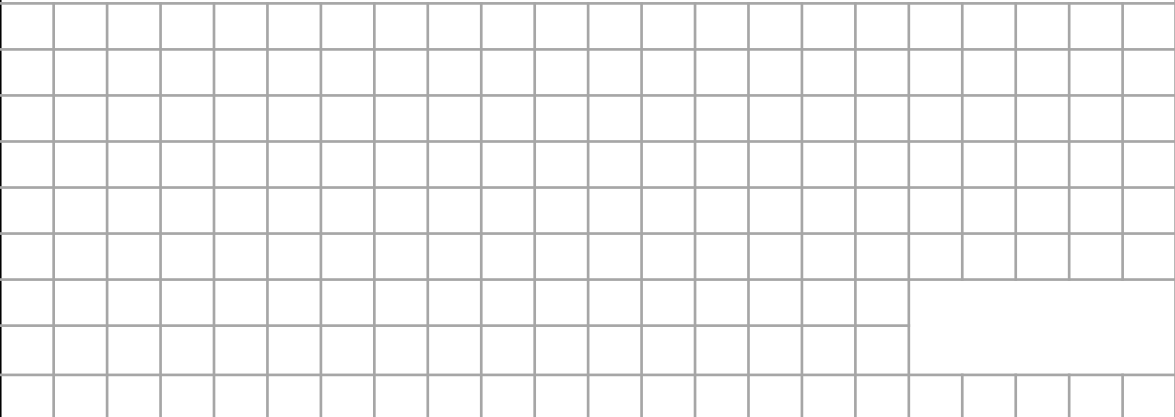
$$3,078 \div 27 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

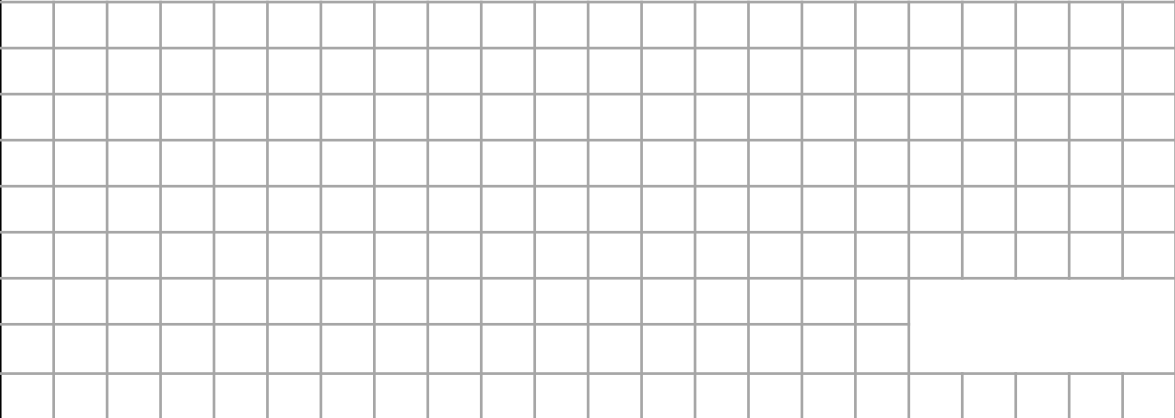
4

$$2,420 \div 22 =$$


5

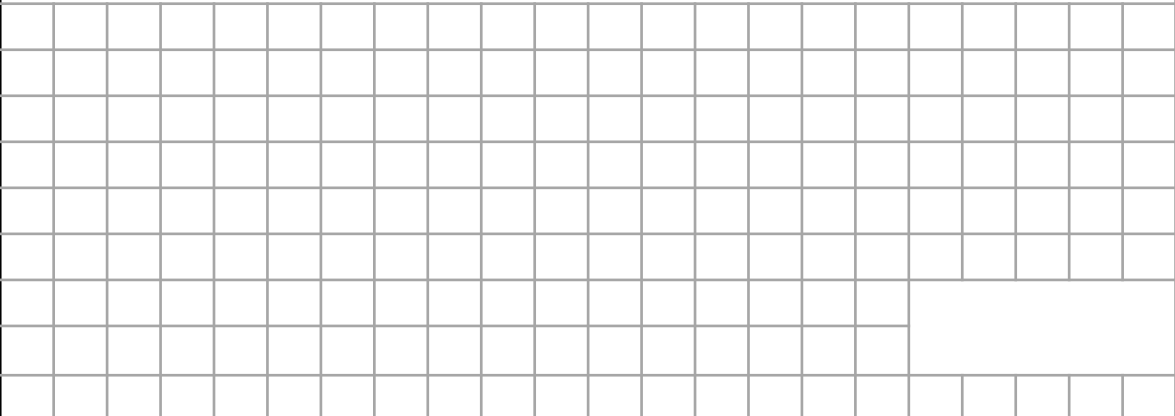
$$2,232 \div 18 =$$


6

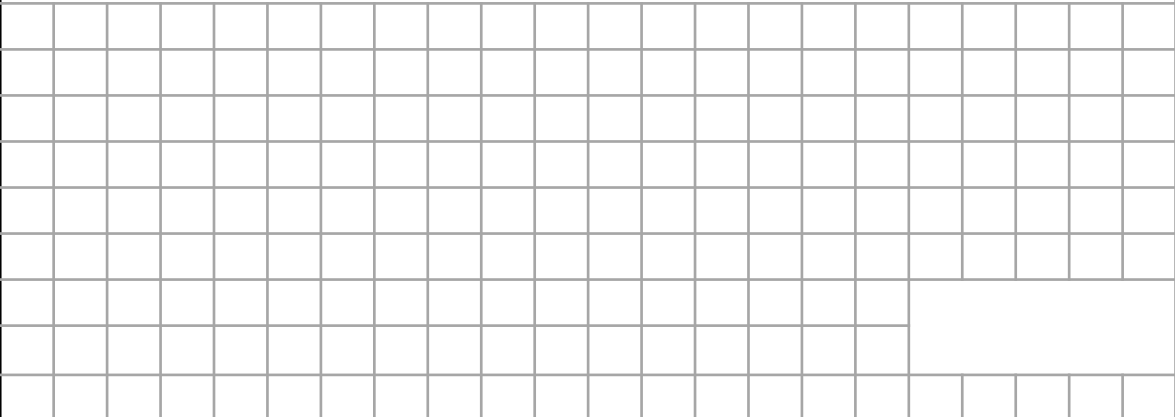
$$2,793 \div 21 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

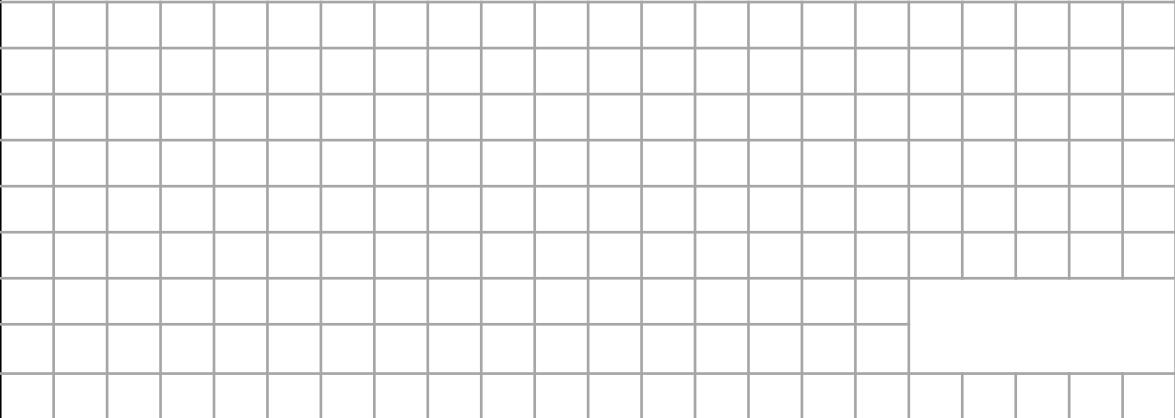
7

$$3,125 \div 25 =$$


8

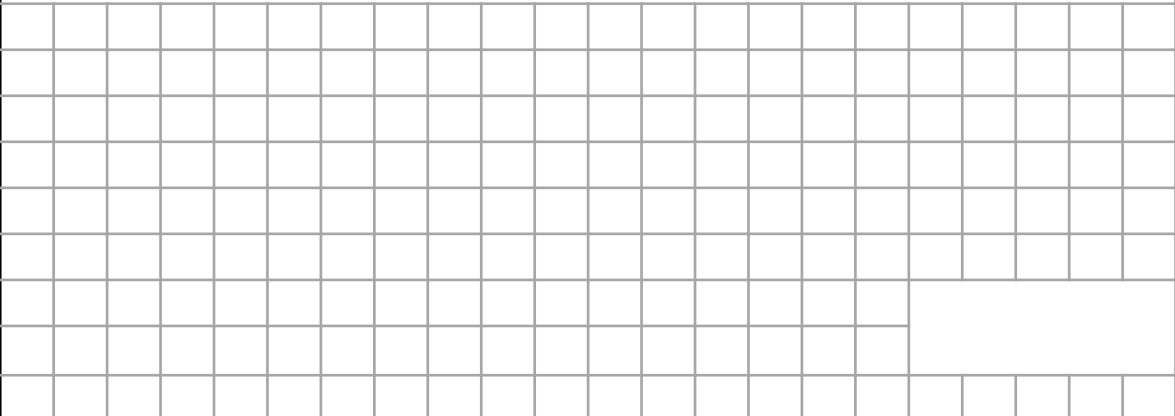
$$2,783 \div 23 =$$


9

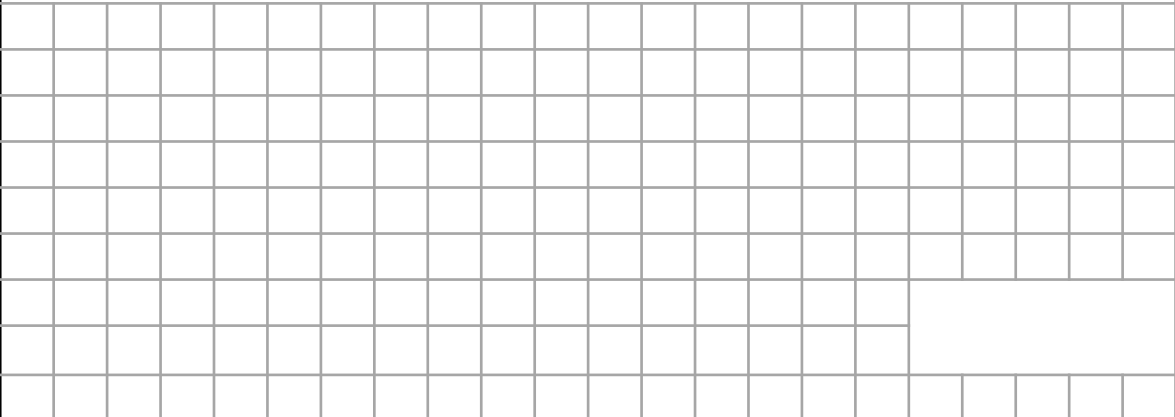
$$2,508 \div 22 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

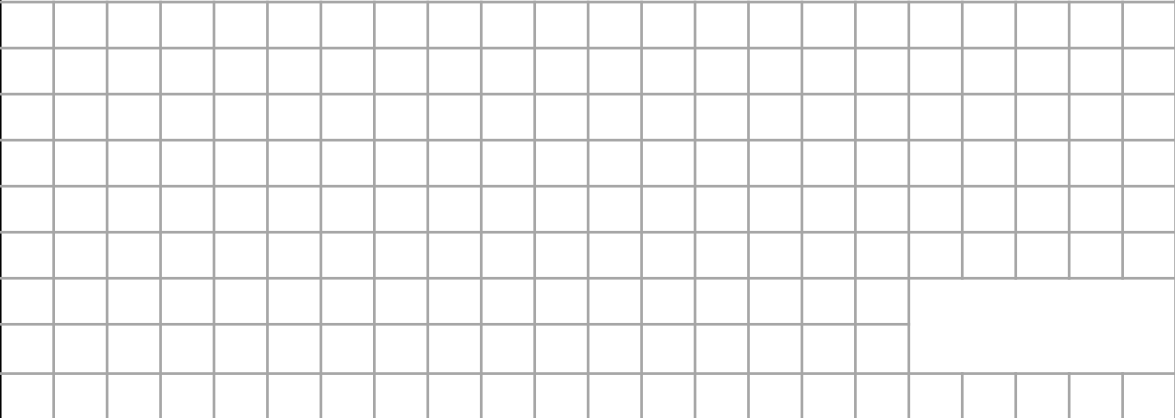
10

$$3,136 \div 28 =$$


11

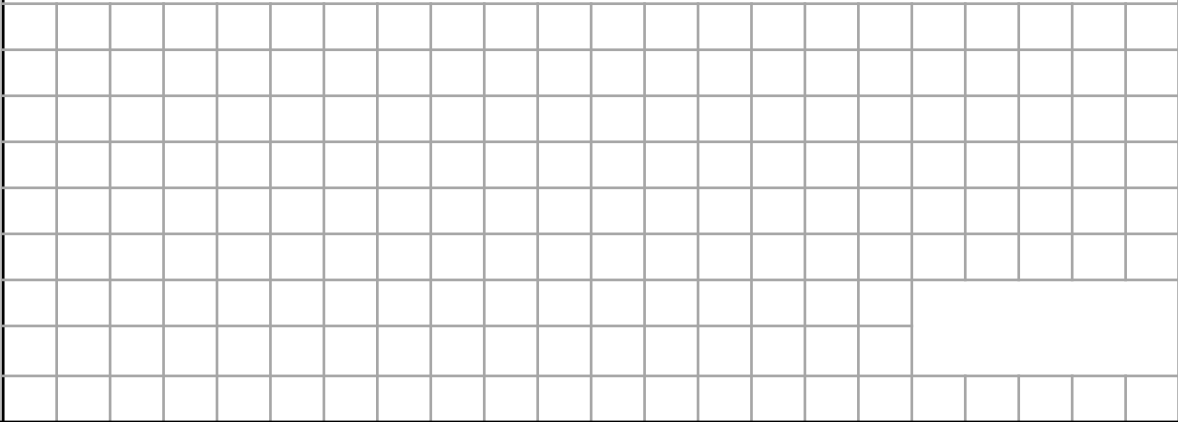
$$3,406 \div 26 =$$


12

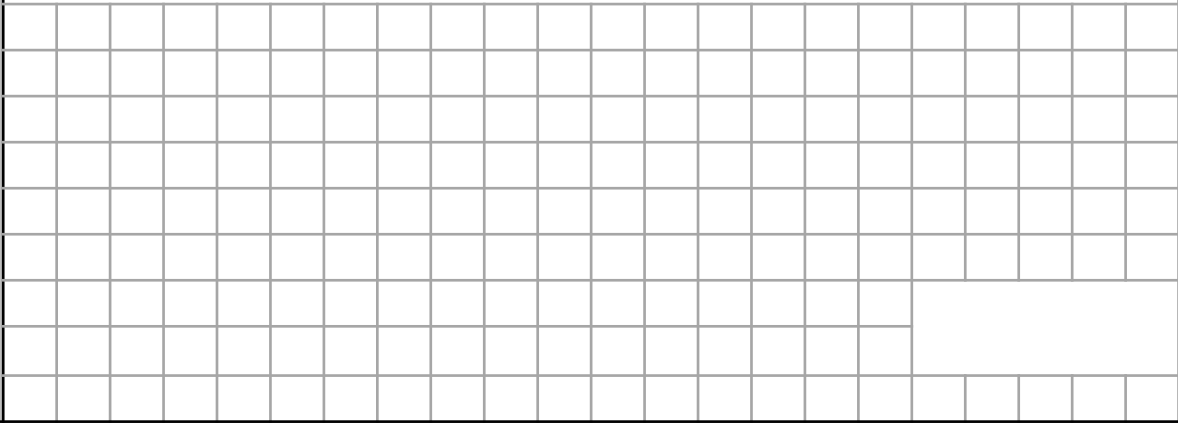
$$4,692 \div 23 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

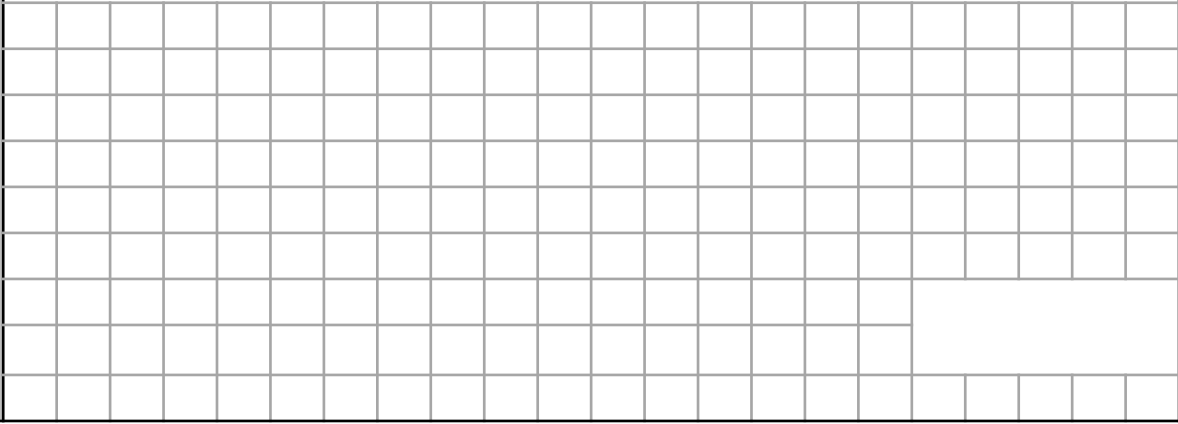
1

$$4,690 \div 22 =$$


2

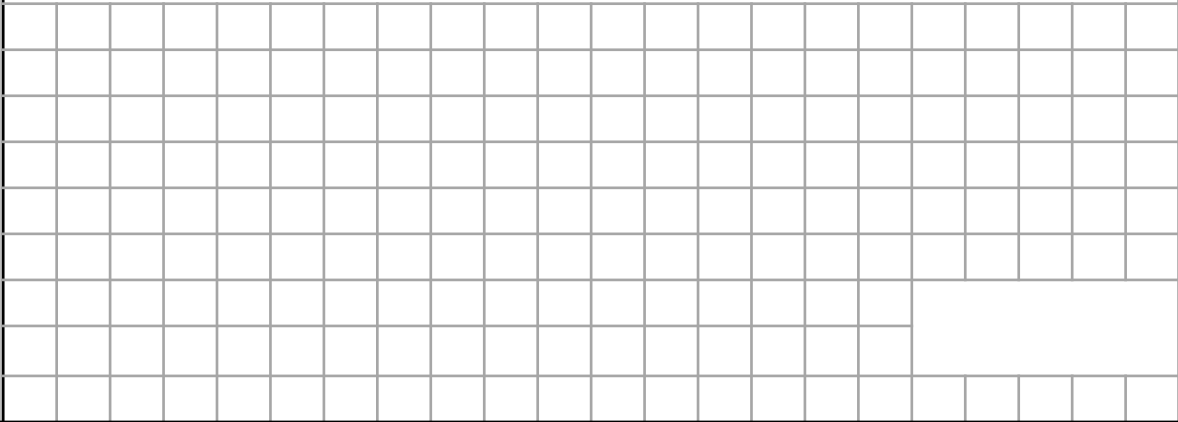
$$3,484 \div 26 =$$


3

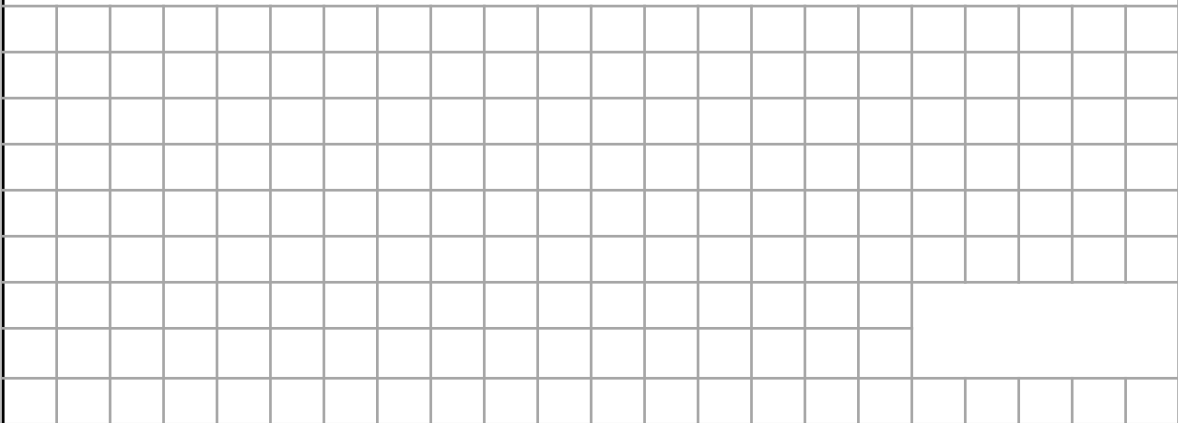
$$2,165 \div 17 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

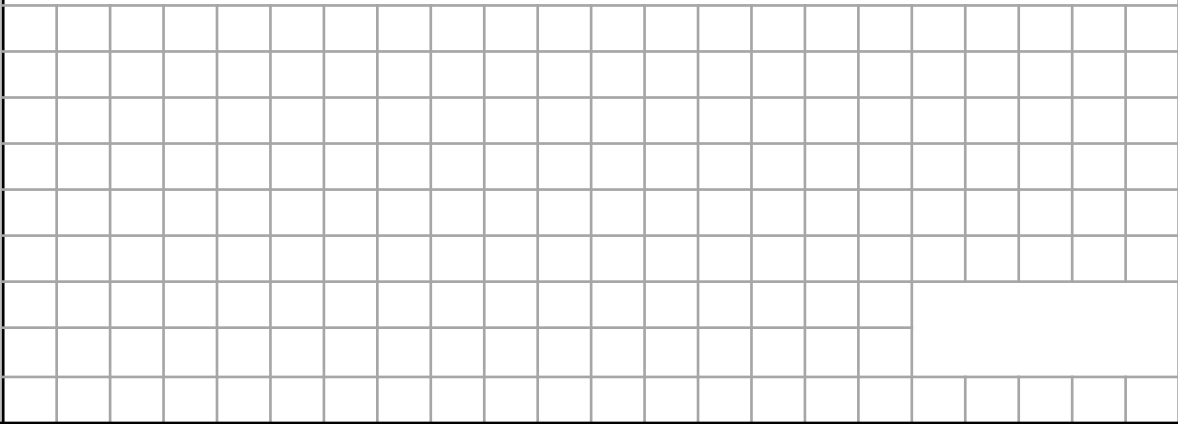
4

$$2,422 \div 18 =$$


5

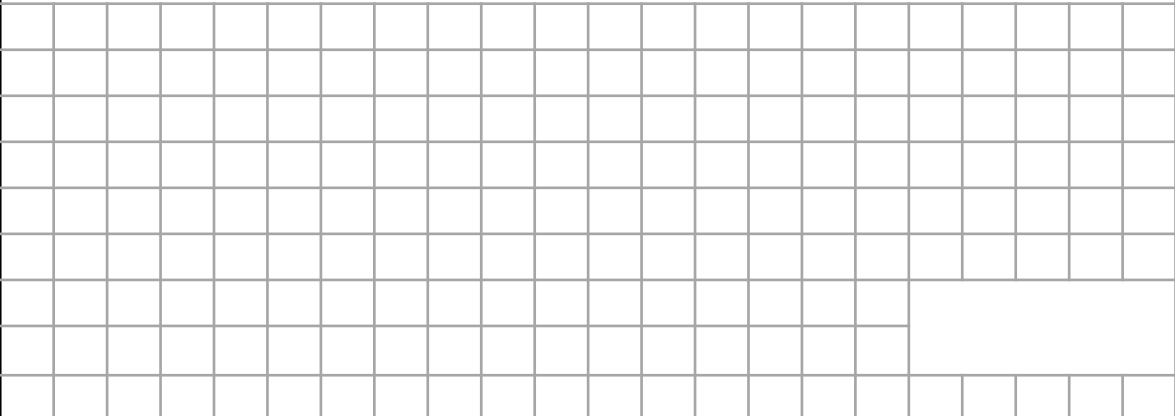
$$4,975 \div 23 =$$


6

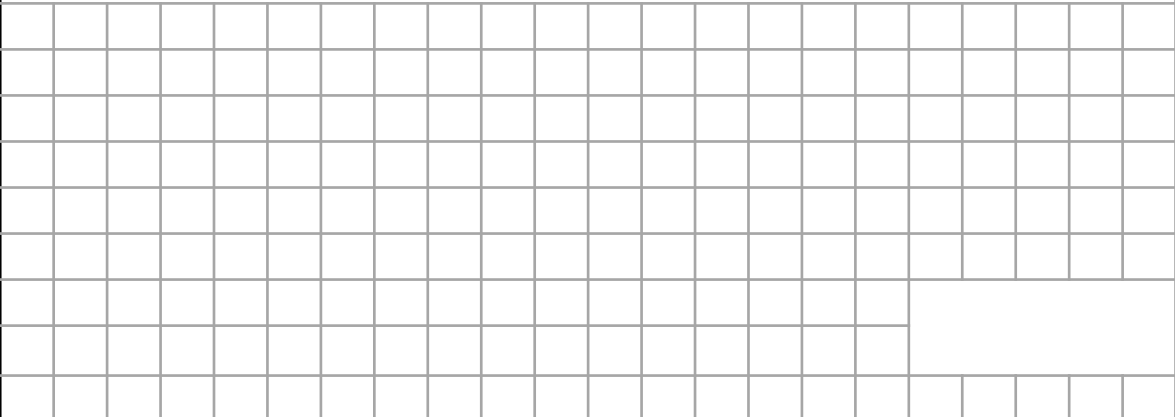
$$5,964 \div 28 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

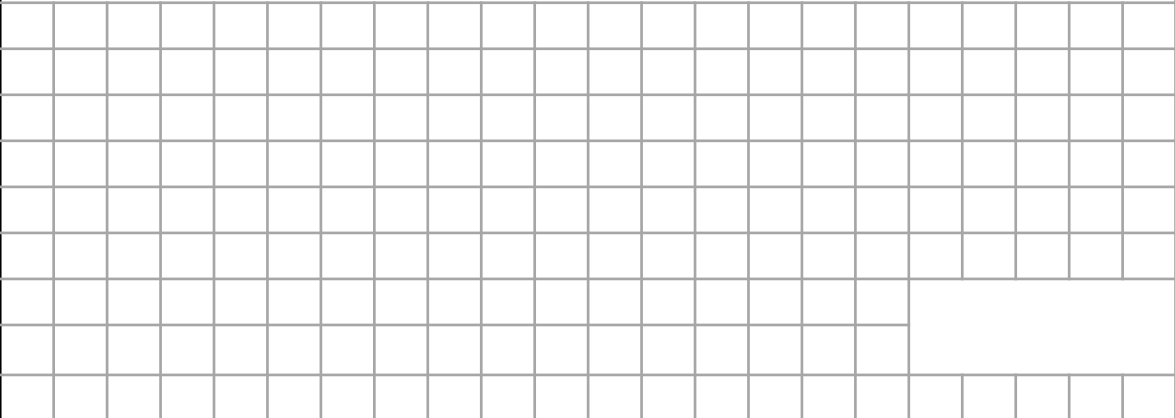
10

$$5,160 \div 24 =$$


11

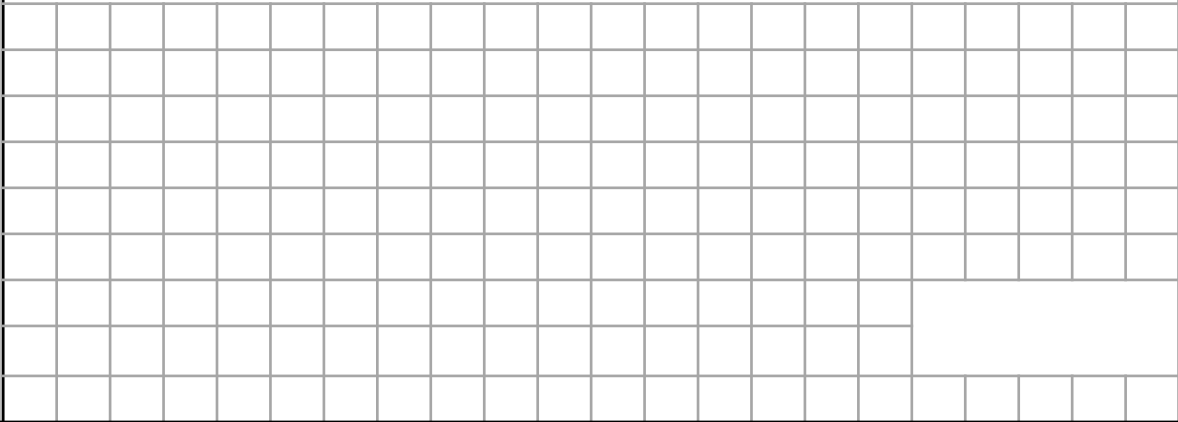
$$2,293 \div 17 =$$


12

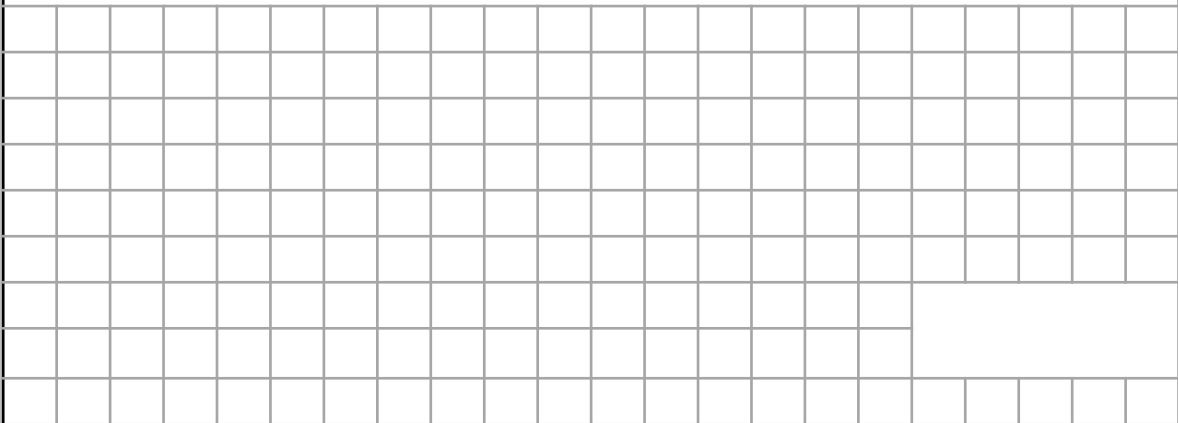
$$3,112 \div 25 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

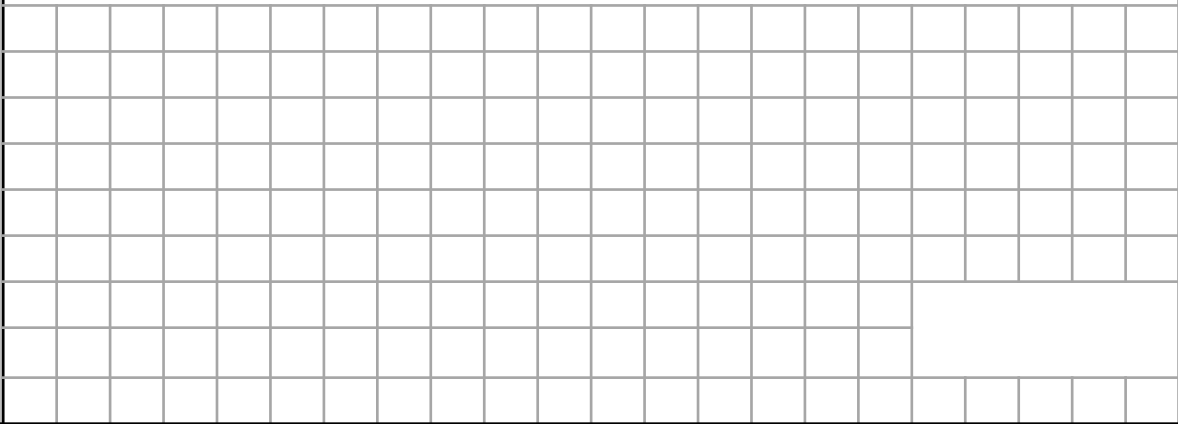
4

$$3,754 \div 27 =$$


5

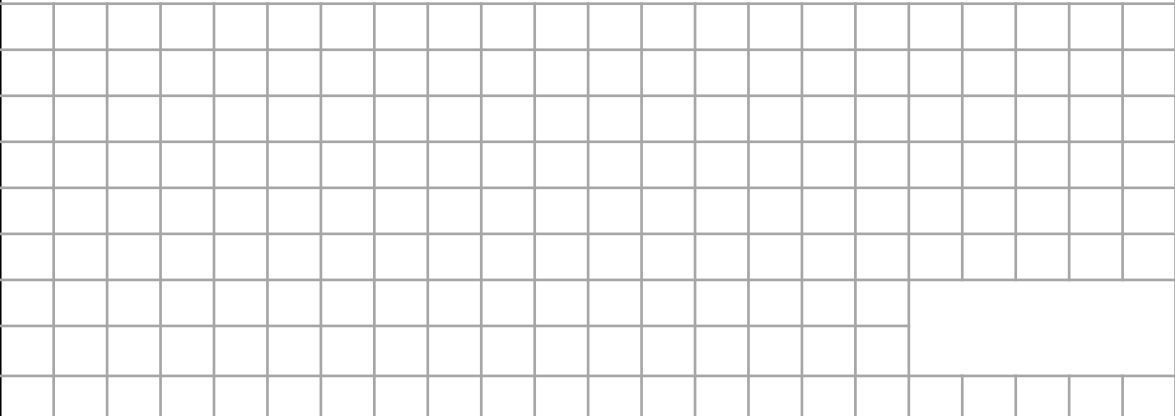
$$11,960 \div 35 =$$


6

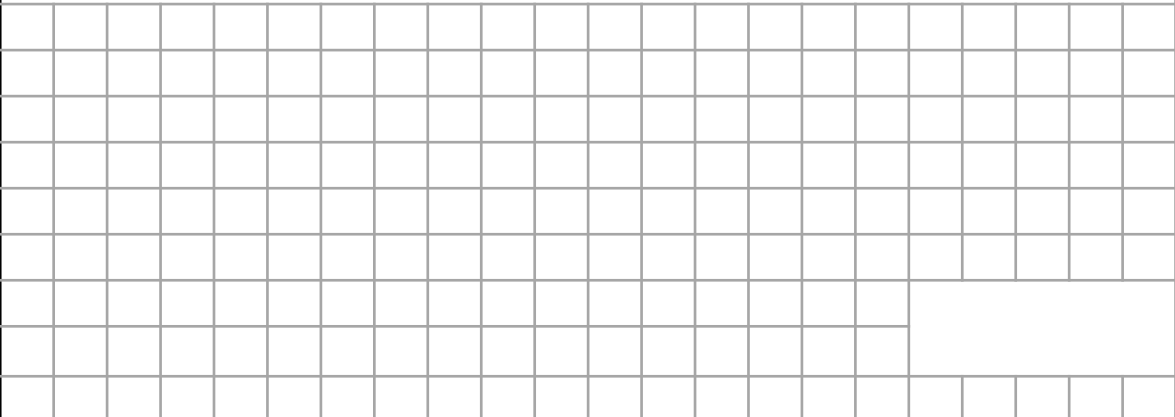
$$5,830 \div 47 =$$


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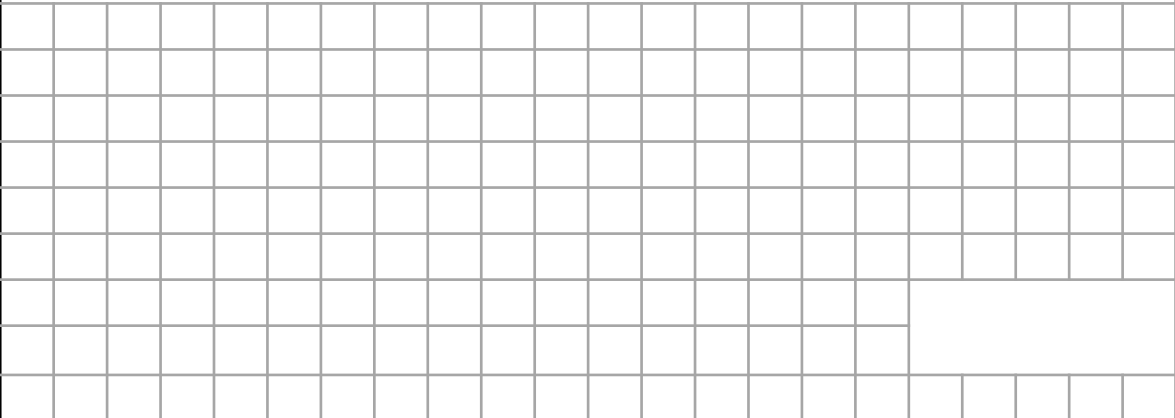
10

$$7,285 \div 34 =$$


11

$$11,457 \div 53 =$$


12

$$9,772 \div 45 =$$


Arithmetic – Dividing 4-Digit Numbers by 2-Digit Numbers

Beginner

- | | | | |
|---------------|---------------|---------------|----------------|
| 1. 110 | 4. 102 | 7. 112 | 10. 120 |
| 2. 104 | 5. 114 | 8. 125 | 11. 113 |
| 3. 124 | 6. 122 | 9. 113 | 12. 103 |

Easy

- | | | | |
|---------------|---------------|---------------|----------------|
| 1. 115 | 4. 110 | 7. 125 | 10. 112 |
| 2. 106 | 5. 124 | 8. 121 | 11. 131 |
| 3. 114 | 6. 133 | 9. 114 | 12. 204 |

Tricky

- | | | | |
|------------------|-------------------|-------------------|--------------------|
| 1. 213 r4 | 4. 134 r10 | 7. 142 | 10. 215 |
| 2. 134 | 5. 216 r7 | 8. 152 r2 | 11. 134 r15 |
| 3. 127 r6 | 6. 213 | 9. 205 r10 | 12. 124 r12 |

Expert

- | | | | |
|-------------------|-------------------|-------------------|-------------------|
| 1. 312 r4 | 4. 139 r1 | 7. 146 r12 | 10. 214 r9 |
| 2. 143 r6 | 5. 341 r25 | 8. 112 r8 | 11. 216 r9 |
| 3. 219 r10 | 6. 124 r2 | 9. 245 r6 | 12. 217 r7 |