



Interpret whole-number remainders

1

35 cards are dealt evenly to 5 players. How many cards each (ignoring any remaining)?



35 cards 5 players

A



6 cards

B



7 cards

2

55 riders are split evenly among 6 buses. How many riders REMAIN once the buses are evenly filled?



55 riders 6 buses

A



8 remaining

B



7 remaining



Interpret whole-number remainders

3

Find this missing value for the remainder in this long division

$$\begin{array}{r} 5 \overline{)27} \\ \underline{25} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

A 5

B 6

C 0

D 2

E 3

F 4

4

Divide these numbers and find the remainder if any

$$12 \div 7$$

A 3 remainder 8

B 1 remainder 2

C 2 remainder 1

D 5 remainder 0

E 1 remainder 5

F 1 remainder 6

5

Divide these numbers and find the remainder if any

$$5 \overline{)581}$$

A 113 remainder 3 B 112 remainder 0 C 120 remainder 4

D 117 remainder 3 E 116 remainder 1 F 113 remainder 4

6

Divide these numbers and find the remainder if any

$$8 \overline{)5420}$$

A 678 remainder 1 B 673 remainder 5 C 680 remainder 3

D 677 remainder 4 E 675 remainder 8 F 675 remainder 1

7

A deck of 39 cards is dealt evenly to 7 players. How many cards REMAIN in the deck at the end?



39 cards 7 players

A



5 cards

B



4 cards



Interpret whole-number remainders

8

Divide these numbers and find the remainder if any

$$17 \overline{)115}$$

- | | | |
|------------------|------------------|------------------|
| A 9 remainder 15 | B 2 remainder 14 | C 10 remainder 9 |
| D 6 remainder 13 | E 8 remainder 9 | F 3 remainder 9 |

9

Divide these numbers and find the remainder if any

$$21 \overline{)9748}$$

- | | | |
|-------------------|-------------------|-------------------|
| A 466 remainder 0 | B 468 remainder 5 | C 465 remainder 3 |
| D 459 remainder 4 | E 464 remainder 4 | F 461 remainder 1 |

10

Divide these numbers and find the remainder if any

$$538 \div 6$$

- | | |
|------------------|------------------|
| A 90 remainder 0 | B 87 remainder 7 |
| C 89 remainder 4 | D 85 remainder 8 |
| E 87 remainder 6 | F 93 remainder 3 |

11

Divide these numbers and find the remainder if any

$$83 \div 7$$

- | | |
|------------------|------------------|
| A 10 remainder 5 | B 12 remainder 6 |
| C 15 remainder 3 | D 11 remainder 6 |
| E 15 remainder 6 | F 6 remainder 6 |

12

29 riders are split evenly among 11 cars. How many riders REMAIN once the cars are evenly filled?



29 riders 11 cars

A



7 remaining

B



8 remaining



Interpret whole-number remainders

13

31 riders are split evenly among 15 cars. How many per car (ignoring any remaining)?

**31 riders 15 cars**

A



3 per car

B



2 per car

14

Divide these numbers and find the remainder if any

$$6 \overline{)89}$$

A 14 remainder 2 B 18 remainder 8 C 14 remainder 5

D 16 remainder 9 E 11 remainder 2 F 13 remainder 1

15

Divide these numbers and find the remainder if any

$$13 \overline{)22}$$

A 4 remainder 11 B 1 remainder 9 C 1 remainder 8

D 3 remainder 11 E 5 remainder 13 F 4 remainder 12