

Name : _____

In and Out Boxes

Complete the in and out boxes using the given divisibility rule.

1)

| In | Out |
|--------------------------|-----|
| 165 | |
| 579 | |
| | 230 |
| 732 | |
| | 307 |
| Rule: Divide by 3 | |

2)

| In | Out |
|-----|-----|
| | 14 |
| 405 | |
| | 37 |

3)

| In | Out |
|---------------------------|-----|
| | 9 |
| | 15 |
| 304 | |
| 608 | |
| | 40 |
| Rule: Divide by 19 | |

4)

| In | Out |
|--------------------------|-----|
| | 15 |
| | 47 |
| | 61 |
| 832 | |
| 904 | |
| Rule: Divide by 8 | |

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Rule: Divide by 6

| In | Out |
|---------------------------|-----|
| | 5 |
| 340 | |
| | 26 |
| 780 | |
| 840 | |
| Rule: Divide by 20 | |

7)

| | | | |
|---|-----|----|-----|
| A | 112 | | 624 |
| B | | 25 | |
| Rule: $A \div 16 = B$ | | | |

If A is 208, what will be the value of B?

If B is 46, what will be the value of A?

Name : _____

In and Out Boxes

Complete the in and out boxes using the given divisibility rule.

1)

| In | Out |
|--------------------------|------------|
| 165 | 55 |
| 579 | 193 |
| 690 | 230 |
| 732 | 244 |
| 921 | 307 |
| Rule: Divide by 3 | |

2)

| In | Out |
|------------|-----------|
| 210 | 14 |
| 405 | 27 |
| 555 | 37 |

3)

| In | Out |
|---------------------------|-----------|
| 171 | 9 |
| 285 | 15 |
| 304 | 16 |
| 608 | 32 |
| 760 | 40 |
| Rule: Divide by 19 | |

4)

| In | Out |
|--------------------------|------------|
| 120 | 15 |
| 376 | 47 |
| 488 | 61 |
| 832 | 104 |
| 904 | 113 |
| Rule: Divide by 8 | |

| |
|--------------------------|
| Rule: Divide by 6 |
|--------------------------|

| In | Out |
|---------------------------|-----------|
| 100 | 5 |
| 340 | 17 |
| 520 | 26 |
| 780 | 39 |
| 840 | 42 |
| Rule: Divide by 20 | |

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7)

| | | | |
|---|----------|------------|-----------|
| A | 112 | 400 | 624 |
| B | 7 | 25 | 39 |
| Rule: $A \div 16 = B$ | | | |

If A is 208, what will be the value of B?
13

If B is 46, what will be the value of A?
736