

# Divisibility Rules (E)

Circle the numbers that are divisible by the number given.

Divisible by 7?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 399 | 964 | 404 | 842 | 820 | 253 | 891 | 717 |
| 810 | 493 | 577 | 908 | 167 | 583 | 254 | 737 |
| 793 | 172 | 658 | 291 | 502 | 354 | 959 | 559 |

Divisible by 2?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 362 | 643 | 287 | 779 | 635 | 486 | 962 | 549 |
| 400 | 494 | 871 | 319 | 226 | 829 | 651 | 643 |
| 500 | 950 | 528 | 987 | 147 | 849 | 769 | 277 |

Divisible by 8?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 965 | 768 | 390 | 884 | 715 | 440 | 896 | 233 |
| 872 | 248 | 669 | 533 | 490 | 835 | 300 | 100 |
| 293 | 861 | 882 | 396 | 126 | 243 | 242 | 339 |

Divisible by 3?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 390 | 479 | 648 | 302 | 495 | 384 | 554 | 873 |
| 457 | 431 | 136 | 784 | 465 | 550 | 368 | 678 |
| 941 | 958 | 187 | 932 | 645 | 771 | 318 | 193 |

Divisible by 4 and 5?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 712 | 390 | 286 | 856 | 496 | 593 | 795 | 239 |
| 303 | 732 | 706 | 668 | 491 | 673 | 776 | 155 |
| 310 | 765 | 713 | 464 | 358 | 884 | 801 | 542 |

# Divisibility Rules (E) Answers

Circle the numbers that are divisible by the number given.

Divisible by 7?

|            |     |            |     |     |     |            |     |
|------------|-----|------------|-----|-----|-----|------------|-----|
| <b>399</b> | 964 | 404        | 842 | 820 | 253 | 891        | 717 |
| 810        | 493 | 577        | 908 | 167 | 583 | 254        | 737 |
| 793        | 172 | <b>658</b> | 291 | 502 | 354 | <b>959</b> | 559 |

Divisible by 2?

|            |            |            |     |            |            |            |     |
|------------|------------|------------|-----|------------|------------|------------|-----|
| <b>362</b> | 643        | 287        | 779 | 635        | <b>486</b> | <b>962</b> | 549 |
| <b>400</b> | <b>494</b> | 871        | 319 | <b>226</b> | 829        | 651        | 643 |
| <b>500</b> | <b>950</b> | <b>528</b> | 987 | 147        | 849        | 769        | 277 |

Divisible by 8?

|            |            |     |     |     |            |            |     |
|------------|------------|-----|-----|-----|------------|------------|-----|
| 965        | <b>768</b> | 390 | 884 | 715 | <b>440</b> | <b>896</b> | 233 |
| <b>872</b> | <b>248</b> | 669 | 533 | 490 | 835        | 300        | 100 |
| 293        | 861        | 882 | 396 | 126 | 243        | 242        | 339 |

Divisible by 3?

|            |     |            |     |            |            |            |            |
|------------|-----|------------|-----|------------|------------|------------|------------|
| <b>390</b> | 479 | <b>648</b> | 302 | <b>495</b> | <b>384</b> | 554        | <b>873</b> |
| 457        | 431 | 136        | 784 | <b>465</b> | 550        | 368        | <b>678</b> |
| 941        | 958 | 187        | 932 | <b>645</b> | <b>771</b> | <b>318</b> | 193        |

Divisible by 4 and 5?

|     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 712 | 390 | 286 | 856 | 496 | 593 | 795 | 239 |
| 303 | 732 | 706 | 668 | 491 | 673 | 776 | 155 |
| 310 | 765 | 713 | 464 | 358 | 884 | 801 | 542 |