

## Identifying patterns

| Continue each pattern. |    |    |    |    |    |  |  |  |  |
|------------------------|----|----|----|----|----|--|--|--|--|
| 0                      | 6  | 12 | 18 | 24 | 30 |  |  |  |  |
| 0                      | 7  | 14 | 21 | 28 | 35 |  |  |  |  |
| 60                     | 52 | 44 | 36 | 28 | 20 |  |  |  |  |

| Continue each pattern. |          |             |    |  |  |  |  |  |
|------------------------|----------|-------------|----|--|--|--|--|--|
| 3                      | 9        | 15          | 21 |  |  |  |  |  |
| 2                      | 9        | 16          | 23 |  |  |  |  |  |
| 1                      | 9        | 17          | 25 |  |  |  |  |  |
| 7                      | 15       | 23          | 31 |  |  |  |  |  |
| 7                      | 13       | 19          | 25 |  |  |  |  |  |
| 7                      | 12       | 17          | 22 |  |  |  |  |  |
| Cont                   | inue ead | ch pattern. |    |  |  |  |  |  |
| 71                     | 65       | 59          | 53 |  |  |  |  |  |
| 90                     | 82       | 74          | 66 |  |  |  |  |  |
| 56                     | 49       | 42          | 35 |  |  |  |  |  |
| 72                     | 66       | 60          | 54 |  |  |  |  |  |
|                        |          |             |    |  |  |  |  |  |

## Continue each pattern.

| 36 | 43 |    |    |    | 85 |
|----|----|----|----|----|----|
| 61 | 55 |    |    | 25 | 19 |
| 0  | 7  | 14 |    |    | 49 |
| 7  | 14 |    |    |    | 56 |
| 4  | 12 |    | 36 |    |    |

| X                      | Identifying patterns |          |      |    |          |    |   |    |   |    |    |
|------------------------|----------------------|----------|------|----|----------|----|---|----|---|----|----|
|                        |                      | Continu  | 2    | 18 | <b>,</b> | 24 | 3 | 0  |   |    |    |
|                        |                      | 0        | 7    | 14 | 4        | 2  |   | 28 | 3 | 5  |    |
|                        |                      | 60       | 52   | 44 | 4        | 36 | 5 | 28 | 2 | 0  |    |
| Continue each pattern. |                      |          |      |    |          |    |   |    |   |    |    |
| 3                      | 9                    | 15       | 2    | 1  | 2        | 27 |   | 33 |   | 39 | 45 |
| 2                      | 9                    | 16       | 2    | 3  | 3        | 30 |   | 37 |   | 44 | 51 |
| 1                      | 9                    | 17       | 2    | 5  | 3        | 33 |   | 41 |   | 49 | 57 |
| 7                      | 15                   | 23       | 3    | 1  | 3        | 39 |   | 47 |   | 55 | 63 |
| 7                      | 13                   | 19       | 2    | 5  | 3        | 31 |   | 37 |   | 43 | 49 |
| 7                      | 12                   | 17       | 2    | 2  | 2        | 27 |   | 32 |   | 37 | 42 |
| Cont                   | inue e               | ach patt | ern. |    |          |    |   |    |   |    |    |
| 71                     | 65                   | 59       | 5    | 3  | 2        | 17 |   | 41 |   | 35 | 29 |
| 90                     | 82                   | 74       | 6    | 6  | 5        | 58 |   | 50 |   | 42 | 34 |
| 56                     | 49                   | 42       | 3    | 5  | 2        | 28 |   | 21 |   | 14 | 7  |
| 72                     | 66                   | 60       | 5    | 4  | 4        | 18 |   | 42 |   | 36 | 30 |
| 96                     | 88                   | 80       | 7    | 2  | 6        | 64 |   | 56 |   | 48 | 40 |
| 48                     | 42                   | 36       | 3    | 0  | 2        | 24 |   | 18 |   | 12 | 6  |
| Cont                   | inue e               | ach patt | ern. |    |          |    |   |    |   |    |    |
| 36                     | 43                   | 5        | 0    | 57 |          | 64 |   | 71 |   | 78 | 85 |
| 61                     | 55                   | 4:       | 9    | 43 |          | 37 |   | 31 |   | 25 | 19 |
| 0                      | 7                    | 1        | 4    | 21 |          | 28 |   | 35 |   | 42 | 49 |
| 7                      | 14                   | 2        | 1    | 28 |          | 35 |   | 42 |   | 49 | 56 |
| 4                      | 12                   | 20       | 0    | 28 |          | 36 |   | 44 |   | 52 | 60 |
|                        |                      |          |      |    |          |    |   |    |   |    |    |

It may help to point out that some patterns show an increase and some a decrease. Children should double-check that the operation that turns the first number into the second also turns the second number into the third. They can then continue the pattern.



