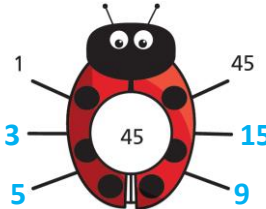
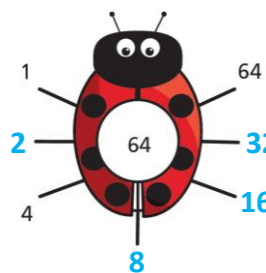
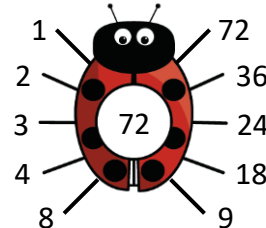


Y4 – Spring – Block 1 – Step 1 – Factor pairs Answers

| Question | Answer |
|----------|---|
| 1 | a) $1 \times 18 = 18$ $2 \times 9 = 18$ $3 \times 6 = 18$ b) 18 has 3 factor pairs. 18 has 6 factors altogether. c) 1, 2, 3, 6, 9, 18 |
| 2 | a) 1 and 10, 2 and 5 b) 1 and 15, 3 and 5 c) 1 and 24, 2 and 12, 3 and 8, 4 and 6 24 |
| 3 | a)  b)  |
| 4 | a)  b) 1 and 72, 2 and 36, 3 and 24, 4 and 18, 6 and 12, 8 and 9 |
| 5 | a) 1 and 28, 2 and 14, 4 and 7 b) 1 and 50, 2 and 25, 5 and 10 c) 1 and 25, 5 and 5 |
| 6 | a) False 8 is not a factor 10 b) True $5 \times 10 = 50$, $1 \times 50 = 50$ c) True 1, 5, 25 d) True 1, 3, 5, 15 |

Y4 – Spring – Block 1 – Step 1 – Factor pairs Answers (continued)

| Question | Answer |
|----------|---|
| 7 | multiple possible answers, e.g. 6 has two factor pairs: 1 and 6, 2 and 3 7 has one factor pair: 1 and 7 |
| 8 | Yes 12 has three factor pairs: 1 and 12, 2 and 6, 3 and 4 18 has three factor pairs: 1 and 18, 2 and 9, 3 and 6 |
| 9 | 2, 3, 4, 6, 9, 12, 18 |
| 10 | 28 |