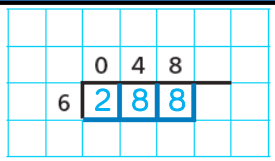
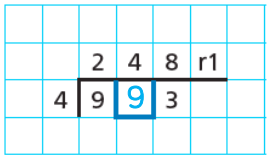
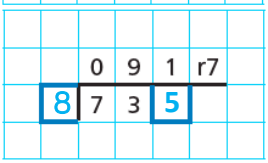
# Y6 – Autumn – Block 2 – Step 3 – Short division Answers

| Question | Answer |
|---|---|
| 1 | a)<br>$5\overline{)565}$ = 113<br>$5\overline{)566}$ = 133<br>$5\overline{)4650}$ = 930<br>b)<br>$3\overline{)963}$ = 321<br>$3\overline{)972}$ = 324<br>$3\overline{)2079}$ = 693 |
| 2 | 72, 84, 96, 108<br>$12\overline{)6252}$ = 0521<br>$12\overline{)2080}$ = 0167<br>$12\overline{)1188}$ = 0099 |
| 3 | 756 ÷ 4 → r0<br>757 ÷ 4 → r1<br>758 ÷ 4 → r2<br>759 ÷ 4 → r3<br>760 ÷ 4 → r4<br>r5<br>r0 → 756 ÷ 2<br>r1 → 756 ÷ 3<br>r2 → 756 ÷ 4<br>r3 → 756 ÷ 5<br>r4 → 756 ÷ 6 |
| 4 | a) 127 r2<br>b) 129 r4<br>c) one hundred and eighty-one remainder nine<br>d) 99 |
| 5 | a) $a = 198$<br>b) $b = 371$<br>c) $c = 90$<br>d) $d = 288$ |
| 6 | 50p<br>Possible mistakes include dividing 12 by 6, not converting between pounds and pence. |
| 7 | 841 |

Y6 – Autumn – Block 2 – Step 3 – Short division Answers (continued)

| Question | Answer |
|---|---|
| 8 | a)  <br>b)  <br>c)   |