Řešení

Společní dělitelé

PS 23/4

|  |  |
| --- | --- |
| 42 = 1, 2, 3, 6, 7, 14, 21, 42 | 120 = 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 24, 30, 40, 60, 120 |
| 60 = 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60 |  |
| 84 = 1, 2, 3, 4, 6, 7, 12, 14, 21, 28, 42, 84 |  |
| 91 = 7.13 |  |

není problém se se mnou domluvit na množství úloh, ale je potřeba komunikovat

PS 27/1

1. 10, 20, 30, 40, 50, 60, 70, 80, 90
2. 12, 24, 36, 48, 60, 72, 84, 96
3. 37, 74
4. 73

|  |  |  |  |
| --- | --- | --- | --- |
| a) | D(6, 8) = 2 | b) | D(9;12) =3 |
|  | D(12;28) =2.2=4 |  | D(12;16) =2.2=4 |
|  | D(8;40) =2.2.2=8 |  | D(16;27) = 1 – nesoudělná čísla |
|  | D(18;36) =2.3.3=18 |  | D(24;28) = 2.2=4 |
|  | D(14;42) =2.7=14 |  | D(32;40) = 2.2.2=8 |

PS 27/5

PS 28/6

|  |  |  |  |
| --- | --- | --- | --- |
| a) | D(84;96) =12 | b) | D(8;64) =8 |
|  | D(120;128) =8 |  | D(54;60) =6 |
|  | D(78;90) =6 |  | D(96;168) =24 |
|  | D(108;135) =27 |  | D(84;196) =4 |
|  | D(147;224) =7 |  | D(155;248) =31 |

PS 28/7

|  |  |  |  |
| --- | --- | --- | --- |
| a) | D(12;32;44) =4 | b) | D(60;96;144) =12 |
|  | D(36;54;60) =6 |  | D(48;96;112) =16 |
|  | D(28;42;70) =14 |  | D(72;120;144) =24 |
|  | D(18;54;72) =18 |  | D(12;180;140) =4 |
|  | D(28;35;84) =7 |  | D(108;252;324) =36 |