Speedy Math Grid: Area and Perimeter

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1.  140 ÷ 10 = **14ft** | 2.  11 x 5 = **55m2** | 3.  5 + 5 + 3 + 3 = **16ft** | 4.  5 x 3 = **15ft2** | 5.  7 + 7 + 10 + 10  = **36ft** | 6.  J: 12 x 13 = 156 ft2  R: 14 x 11 = 154ft2  **Jenny’s room has the greatest area.** |
| 7.  J: 12+12+13+13=50ft  R: 14+14+11+11=50ft  **The perimeters are equal.** | 8.  135÷15 = **9ft wide** | 9.  **No, it will not fit.**  The area of the carpet is 40ft2 and the area pictured is only 20ft2 | 10.  14+14+10+10=48ft.  **Yes she will have enough space. She has 50ft of border and only needs 48ft.** | 11.  192÷16=**12 ft wide**. | 12.  7 x 10 = **70ft2** |
| 13.  20+20+15+15 = 70ft  30+30+10+10= 80ft  **The 20 by 15 garden will use less fencing.** | 14.  117 ÷ 13 = **9ft wide**. | 15.  11+11+ 5 + 5  **= 32 meters** | 16.  117 ÷ 13 = 9ft wide.  13+13+9+9 = **44ft.** | 17.  6 x 6 = **36 sq ft** | 18.  98 ÷ 7 = **14 ft** |
| 19.  14 – (3+3) = 8  8 ÷ 2 = 4  **4 yds is the length** | 20.  A- 5 x 8 = 40 sq ft  B- 6 x 7 = 42 sq ft  **Rectangle B has the greater area**. | 21.  A – 10+10+3+3 = 26m  B – 9+9+5+5 = 28m  **Rectangle B has the greater perimeter.** | 22.  98 ÷ 7 = 14ft length  14+14+7+7 = **42ft is the perimeter.** | 23.  750 ÷ 30 = 25 ft wide.  30+30+25+25= **110ft** | 24.  15+15+4+4=  **38 inches** |
| 25.  11+ 11 + 4 + 4 =  **32 meters** | 26.  84 – (12+12) = 60  60 ÷ 2 = 30  **30 feet long** | 27.  24 x 28 = **672in2** | 28.  15 x 4 = **60in2** | 29.  32 x 24 = **768 in2** | 30.  11 x 4 = **44m2** |