Speedy Math Grid: Area and Perimeter

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| 1. 140 ÷ 10 = **14ft** | 2. 11 x 5 = **55m2** | 3. 5 + 5 + 3 + 3 = **16ft** | 4. 5 x 3 = **15ft2** | 5. 7 $\frac{1}{2}$ + 7 $\frac{1}{2} $+ 10 $\frac{1}{2}$ + 10 $\frac{1}{2}$ = **36ft** | 6.J: 12 x 13 = 156 ft2R: 14 x 11 = 154ft2**Jenny’s room has the greatest area.** |
| 7. J: 12+12+13+13=50ftR: 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 = 70ft30+30+10+10= 80ft **The 20 by 15 garden will use less fencing.** | 14. 117 ÷ 13 = **9ft wide**. | 15. 11+11+ 5 $\frac{1}{4}$+ 5 $\frac{1}{4}$ **= 32** $\frac{1}{2}$ **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 ftB- 6 x 7 = 42 sq ft**Rectangle B has the greater area**.  | 21.A – 10+10+3+3 = 26mB – 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$\frac{4}{5}$+ 11$\frac{4}{5}$ + 4$\frac{1}{5}$ + 4$\frac{1}{5}$ = **32 meters**  | 26. 84 – (12+12) = 6060 ÷ 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** |