

The diagrams show the construction of a 16-foot scale using a 6-inch unit. The sequence of diagrams is as follows:

- Diagram 1: A single block labeled "one inch = one foot".
- Diagram 2: Two blocks labeled "one and one half inches = one foot".
- Diagram 3: Four blocks labeled "two inches = one foot".
- Diagram 4: Eight blocks labeled "three quarters inch = one foot".
- Diagram 5: Sixteen blocks labeled "one eighth inch = one foot".
- Diagram 6: A single block labeled "one inch = one foot".
- Diagram 7: Two blocks labeled "one and one half inches = one foot".
- Diagram 8: Four blocks labeled "two inches = one foot".
- Diagram 9: Eight blocks labeled "three quarters inch = one foot".
- Diagram 10: Sixteen blocks labeled "one eighth inch = one foot".
- Diagram 11: A single block labeled "one inch = one foot".
- Diagram 12: Two blocks labeled "one and one half inches = one foot".
- Diagram 13: Four blocks labeled "two inches = one foot".
- Diagram 14: Eight blocks labeled "three quarters inch = one foot".
- Diagram 15: Sixteen blocks labeled "one eighth inch = one foot".
- Diagram 16: A single block labeled "one inch = one foot".

