

Textbook p. 86

Ex. 4

1-e; 2-f, 3-b, 4-a, 5-c, 6-d

Ex. 6

Suggested answers:

2. Concrete is extremely strong in compression.
3. Nylon has excellent tensile strength.
4. This metal is very strong in torsion.
5. This steel has high compressive strength
6. Kevlar is very strong in shear.

Study material 2

pp. 40-41

II.

1-f, 2-c, 3-h, 4-a, 5-d, 6-g, 7-e, 8-b

III.

suggested answers:

1. childproof
2. stain-resistant / heat-tolerant
3. bulletproof
4. ovenproof
5. impact-absorbent
6. corrosion-resistant / impact-resistant
7. water-resistant
8. fireproof
9. shock-resistant / waterproof
10. heat-tolerant / ovenproof
11. impact-resistant

IV.

- 2) absorbs impact
- 3) can bend / cannot break
- 4) can bend/stretch / cannot break
- 5) can be stretched a little / cannot be broken
- 6) can be bent/stretch / cannot be broken
- 7) stretches a little / doesn't break
- 8) burns / bends / doesn't stretch