

Which are physical and which are chemical changes?

- a. boil
- b. burn (combustion) -
- c. condense –
- d. corrode -
- e. crumple -
- f. ferment -
- g. melt -
- h. rust -
- i. crush -
- j. freeze -
- k. oxidize -
- l. tarnish -
- m. explode -
- n. grind -
- o. rot -
- p. vaporize -
- q. photosynthesis –

Label each process as a physical or chemical change:

- a. perfume evaporating on your skin -
- b. butter melting -
- c. wood rotting -
- e. autumn leaves changing color -
- f. a hot glass cracking when placed in cold water -
- g. melting copper metal -
- h. burning sugar -
- i. mixing sugar in water -
- j. digesting food -

Which are physical and which are chemical changes? Answers

- a. boil - physical
- b. burn (combustion) - chemical
- c. condense - physical
- d. corrode - chemical
- e. crumple - physical
- f. ferment - chemical
- g. melt - physical
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- j. freeze - physical
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- o. rot - chemical
- p. vaporize - physical
- q. photosynthesis - chemical
- r. sublimation – physical

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